Abstract

Purpose: Aiming for beauty is a privilege given to humans and is accelerating with the changes of the times. Human being's awareness of beauty began when they came in contact with and experienced everything visually, and the standard of beauty began in nature. This researcher produced a hair creation work by expressing the beauty of aroma color using a hairpiece.

Method: In this study, the motif of aromatic plants with natural beauty and healing functions. The work was composed by using the characteristic color of each plant as the representative color. Aroma plants suitable for characteristic colors were selected, and in order to maximize the beauty of the colors and motifs, the hairpiece was dyed and then the artwork was created in consideration of formativeness. The study on the production of the work took about 50 days between September and October of 2021.

Results: The researchers conducted research on color and aromatic plants, and the aromatic plants selected as motifs for the final work were pink saffron, red rose, yellow citrus lemon, green eucalyptus, and purple lavender. Therefore, a total of 5 works reminiscent of these plants and colors were derived after considering formativeness using hairpieces. The order of producing each piece is dyeing, drying, shaping the shape, making a hat, and connecting motifs and hats.

Conclusion: It was an opportunity to create various works through color dyeing using a hair piece. However, since each material was expressed only in a stable form with a similar hair piece production method, there was a lack of expressing the shape of flowers or plants using color. Since there was a dissatisfaction with a more creative and free expression, it is thought that a research on a new original technique is needed through functional perfection and proficiency with craftsmanship in subsequent works.

[Keywords] Creative, Work, Hair-Piece, Public Value, Beauty

1. Introduction

Humans have a culture of decorating the human body by themselves for a long time [1]. Among the actions pursued by humans, beauty is an expression of personal value creation and an action that has public value [2]. Humans play an important role in expressing visual beauty through appearance changes and determining their appearance [3]. The desire for beauty accelerates with the changes of the times, and public values are being created in various ways in beauty such as economy, politics, culture, and art [4].

With the 4th industrial revolution [5] Trends such as art, fashion, and beauty are changing. With lifestyle and trend changes, hair designers can suggest ways to create creative designs and contribute to public values [6].
The term hair creative refers to creative hair work. Hair creative style is a hair style that expresses artistry by reflecting the trendy designs and colors of the time, and requires skills such as cutting, dyeing, drying, and styling. In particular, hair creative style is the determinant of overall application and creativity of hair design[7]. Hairpieces are partial wigs that have been used for a long time for specific purposes such as makeup, decoration, stage, dating, ceremonies, and judges. Generally, it refers to fake hair worn on the head for the purpose of makeup or decoration[8].

Hair creative work, which has been established as a new art field in modern society, has developed into another field of beauty that values technology and function, expanding the range of artistic expression that could not be met in practical technology, enabling new design, and its importance continues to increase. In particular, the work using hairpieces in hair creative is a field that requires more originality, artistry, and creativity in a different dimension from practical skills. In performance-oriented works such as hair shows, art exhibitions, and technical seminars using hairpieces, it is evaluated as an art work that contains the concept of an artist through the advancement of technology as well as academic achievements in beauty art[9].

As the environmental problem emerged as a serious social problem, interest in materials derived from nature with an image of nature or products based on it has increased[10]. Aromatherapy is a natural healing therapy in which the fragrance molecules of essential oils extracted from aromatic herbs that are beneficial to health act on the brain through the skin or respiratory system to affect the mind and emotions[11]. This is a compound word with the concept of therapy, Aroma, which means Spice in Greek[12]. It is a complementary and alternative therapy that maintains and promotes mental and physical balance and homeostasis with pure active ingredients of plants[13]. The energy of color and essential oil resonates with the human mind, so it is effective in balancing negative energy and stress and relieving negative emotions that can be felt in daily life[14].

The previous research on hair creative is as follows. In the study of Eun-Hee Oh, Ki-Weon Park (2019), the creative design of hair that formed the flower of Mugunghwa was studied and the work was produced[15]. In the study on creative style, creative hair works were produced according to the styles of Ecology, Feminine, Avant Garde, Punky, Cyber, etc.[16]. In the study of A Study of Hair art by motifs Creative and Hair by Night, hair art works were produced with the motifs of Creative Style and Hair by Night Style, which are the events of the beauty skill competition, which are receiving a lot of attention due to the growth of professional hairdressers[17].

In another study, after selecting the first prize-winning work in the technical section of the Hair World Competition and analyzing the characteristics of the work, creative and hair-by-night works in the shape of a phoenix were created[18]. Eom Seong-lye & Kim Sung-nam studied the fabrication of hairpins with the image of flowers by utilizing hairpiece to make hair ornaments reminiscent of various colors and beautiful flowers[8].

Ji-hye Yu, Yun-mi Lee, Jae-jun Gang, and Gi-hyung Kwon conducted research on the transition and expression methods of creative and hair-by-night[19]. Kwan Dae-Soon and Lim In-sook used hairpieces to dye, shape, and use various methods to create artistic works that added formative[20].

In addition, as a result of examining previous studies on the production of creative hair works using hair pieces, the design development of hair accessories using the organic line of Art Nouveau as a motif[21], research on formative hair art that expresses images of the four seasons[22], research on formative hair art that expresses images of the four seasons[23], development of hat hair art with flower motifs[24], development of hair ornaments design using dandelion images[25], a study on short hair upstyle using a traditional Bomun hairpiece[26], and a study on Collage expression modeling of hairpieces[27].
The most important factor when composing a hair creative work is to formatively express various colors and creative design elements. Therefore, this study gave natural formativeness to the hair piece, got color and inspiration from the natural motifs of herb plants, and expanded the range of technical techniques than existing hair art works to increase the value as an art work, and create a new hair design.

2. Research Method

This researcher produced creative works using hair pieces for the beauty fashion show of the Department of Beauty and Health at Jeonju Vision College held every year. This study was conducted from September to October. The color, which is the motif of the work’s subject, contains almost all elements that coexist with humans, and the rich colors and the beauty of various aromatic plants are combined as the motif of hair art. The researcher searched for an application method to express the characteristics of various colors in hair art works, and expanded the freedom of expression style by reconstructing and transforming the method plastically using the unique characteristics of hair pieces and hair. It is produced by adding various creative designs to colorful colors, curves, and realistic expressions. Therefore, 5 pieces of creative hair piece work were produced with the motif of plants symbolizing rich colors and aromatic plants. In this study, a hair dye exclusively for hair was used during color work to harmonize the delicateness of the hair and the natural color. For hair expression, only hair spray was used to create works based on the basic properties of hair ingredients. The three-dimensional expression of the work adds a sense of realism and rhythm to the work.

3. Creation of Work

3.1. Hair piece dye

3.2. Hair piece cutting

* Dry the glued hair piece at room temperature for about a day.

* Cut a well-dried hair piece into a petal shape with scissors.

* Do not throw away the leftover scraps and use them when making flower stamens or flower stems.
3.3. Create a hair piece shape

**Step 1**
*Use a setting machine to shape the cut hair piece into various shapes such as c-shape and s-shape.*

**Step 2**
*At this time, the heat of the setting machine should be weakened.*

**Step 3**
*This is because the hair piece may melt if used at high heat.*

**Step 4**
*Make petals and collect the leftovers.*
*Use a glue gun and setting machine to shape the flower wick.*

**Step 5**
*You can make a wick by putting cold water next to your hand and then taking it out to make a wick without hurting your hand.*

**Step 6**
*In order to make the petals beautiful, the flower needs to be supported by the core.*

3.4. Create a floral motif

**Step 1**

**Step 2**

**Step 3**

*Using a glue gun, attach the petals one by one to the made wick to make a flower cluster.*

3.5. Hat making

**Step 1**
*Paint the empty cup noodle bowl with black paint and allow it to dry completely.*

**Step 2**
*After cutting the black fabric woodlock into squares, wrap the black nonwoven fabric and fix it on the bowl.*

**Step 3**
*Hold the frame in the shape of a bachelor's cap.*
3.6. Connect motifs and hats

4. Research Results

4.1. Pink saffron

Efficacy Effect: Saffron is an iris and perennial plant that grows to about 15 cm in height. The flowers are funnel-shaped and bloom one by one at the tip of the flower stalk from April to May. The flowers have various colors such as white, purple, yellow, and light purple, and are planted as a horticultural species. The flower language is introduced as ‘youth without regrets, joy, and past happiness’. It is used as a spice made by drying flower stigmas in Toronto, Canada [28].

Purple pink expresses femininity with the most delicate color. Curves were emphasized to bring out femininity, gradation dyes were used to express softness, and cubic was used to express some splendor, and sparkles were given. As shown in the following <Figure 1>.

Figure 1. Pink saffron.

4.2. Red rosa

Efficacy Effect: Rose oil (Rose Otto, Rose Athar, Rose Atar or Rose Essence) is an essential oil extracted from the petals of various types of roses. Rose Otto is extracted through steam distillation, Rose Absolute is obtained through solvent extraction, and Absolute is more commonly used in perfumery. Production technology originated in Persia. Despite high prices and the advent of organic synthesis, rose oil is still the most widely used essential oil in perfumery [29].

Rosa expressed a beautiful heart. To express the inside of a beautiful person who is fragrant with a soft red light, the flower of rose is used and sculpted. As shown in the following <Figure 2>.
4.3. Yellow citrus

Citrus Benefits: The refreshing citrus notes of peeled oranges and lemons are always uplifting. Orange oil contains an ingredient called linalool, which calms the mind and helps to relax the mind and body. Not only orange, but also mandarin and grapefruit have a subtle scent[30].

The color of citrus delivers a feeling of being recharged with energy just by looking at it with a bright, bright color that pops out. In order to maximize the lively feeling of citrus, it is produced by giving a rich feeling by utilizing the curl. As shown in the following < Figure 3>.

4.4. Green eucalyptus

Efficacy Effect: It has excellent effects on the respiratory system and has a color that makes the eyes comfortable just by looking at it. Eucalyptus, which has immunity to respiratory system viruses such as colds and flu, sore throat, etc., is recognized as a soft but strong color[30].

Eucalyptus Meaning: The freshness of eucalyptus seems to convey the power of life to people just by looking at it. In modern society, nature cannot be easily enjoyed, so I think it will be needed more and more. The work is expressed with the naturalness, flexibility, and comfort of eucalyptus. As shown in the following < Figure 4>. 
4.5. Purple lavandula

Efficacy Effect: Smelling the fragrance is effective in relieving stress and getting a good night’s sleep, and diluting it with carrier oil and taking a bath or massage can relieve mental and physical fatigue and have a calming effect. It relieves pain such as headache, muscle pain, and menstrual pain, and in a small amount, it can be applied directly to the skin, so it is useful for dermatitis, light burns, psoriasis, acne, and insect bites[31].

Lavender is a gorgeous purple color, but somehow it seems to be calming and calming. In order to maximize the feeling of lavender, gradation dyeing was used to create a soft and comfortable feeling rather than splendor. As shown in the following< Figure 5>.

4. Conclusion

Suggestions for research on ‘hair art’ according to the results of this study are as follows. It was an opportunity to create various works through coloring using hairpieces. However, as each material was expressed only in a stable form with a similar hairpiece directing method, it was insufficient to express the shape of a flower shape using color, and there was a dissatisfaction with a more creative and free expression. Therefore, it is expected that the follow-up work will provide a complete work by supplementing these shortcomings. Also, through this study, it was a good opportunity to open up the possibility that high-level beauticians expected by researchers can be recognized as artists with artistic tendencies beyond the functional perfection and proficiency of craftsmanship. In the future, it is expected that high-quality hair art works will be produced by pursuing original and creative new techniques and the world of modeling.
5. References

5.1. Journal articles


5.2. Additional references


6. Appendix

6.1. Authors contribution

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