

# Application and Research of Comprehensive Materials in Ceramic Art Design

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**Abstract:** In the context of the new era, ceramic art design needs new creative forms, combined with the background of the new era, to adapt to the development of national policies, to highlight the national personality, to express a diversified creative atmosphere, to broaden the dimension of ceramic art design, and to establish a new style of ceramic art creation. Fashion, combined with the texture of different materials, presents a unique beauty and a new texture effect.

**Keywords:** Ceramic art design; Comprehensive materials; Application

## 1. Introduction

Innovation is the transformation of old things into new things, not abandoning old things, but fundamentally changing the essence of old things. The progress of the times will inevitably drive the development of science and technology. At the same time, ceramic art design will also conform to the development of the times, integrate new science and technology, add new materials, and promote the design to move forward steadily. Different materials can show different colors, textures and textures. For example, metal materials show the viewers a cold and hard visual experience; glass materials show clarity and cleanliness; wood materials show simplicity and nature; and ceramic materials show The material presents elegance and simplicity. Through the collision of textures between materials, a new aesthetic experience is inspired and the creator is more fully displayed.

## 2. Overview and origin of comprehensive materials

Comprehensive materials actually refer to the use of two or more materials to create works of art, not new materials. Creators can add different materials according to their own design needs, make artistic creation more accurately and freely, master the production techniques and characteristics of different materials, and try out new creative forms through experimental research, so that the creation can be better play. The use of comprehensive materials originated in the field of painting art. The unique artistic expression has brought a high degree of artistic appreciation, increased the space for artists to play, and enhanced the visual expression ability of art works. According to the characteristics of the material itself, appropriate express creative content. With the development of industrialization, the birth of new materials has better expanded the imagination space of artists, and comprehensive materials are not only new products in the field of painting, but have been widely used in the fields of ceramics, sculpture, installation and other arts, promoting the The innovation of artistic expression has enriched the formal language of artistic design and opened up new ideas.

## 3. Application of Comprehensive Materials and Ceramic Art Design

### 3.1 Wood art and ceramics

The combination of wood art and ceramics is widely used in the field of ceramic art design. At this stage, people's lives are under great pressure. When consumers buy ceramic products, they usually pursue practicality while taking into account the spiritual needs of aesthetics. However, due to the impact of the epidemic in recent years, the tourism industry has suffered a huge impact, and the masses cannot relieve pressure through travel. The combination of ceramics and wood art highlights a quiet and comfortable living state, reflects the natural beauty of the product, and adds to the The richness of the product has a simple, leisurely and relaxed aesthetic experience, giving people a strong affinity, concise without losing details, and overall without losing texture. This method is not only widely used in ceramic daily utensils, but also In the fields of home furnishing, installation, and graphic works, it has been loved by consumers.

### 3.2 Metals and Ceramics

The "encounter" between ceramics and metal is completely different from the combination of ceramics and wood art. Wood art and ceramics produce a natural and beautiful aesthetic experience, while metal materials give the viewer a coldness. In the process of ceramic art design and creation, it is usually seen that the creators use gold, silver, copper, iron and other materials to paint or plated with gold. (Figures 2), that is, "use gold as clothing, and repair as good deeds". The transparent texture of ceramics is accompanied by a solid metal texture, and the simple utensils reveal the nobleness of gold, the luster of silver, and the subtlety and calmness of iron.



Figure 1 Ceramic tea set



Figure 2 “Golden Tsunami” craftsmanship

### 3.3 Glass and Ceramics

Glass is transparent compared to ceramics, while ceramics are translucent. Glass and ceramics are both cold-hardened materials, so in the process of combining glass and ceramics, glass and ceramics are generally made separately and then bonded together with viscous glue. Tanaka Mizo, who won the second place in the famous Takaoka Craft Design Competition in Japan in 2009, created the “Quiet Space Series”, which perfectly combines ceramics and glass craftsmanship, fully demonstrating the clear texture of glass, the softness of ceramics is also displayed appropriately, using traditional Japanese utensils as the theme, using comprehensive materials to give the appreciator a leisurely aesthetic feeling, reflecting the quiet comfort.

### 3.4 Combination of fabric and ceramics

Soft fabrics collide with hard ceramics. Two materials with different properties form a new creative expression language. Two known elements merge into an unknown element. Such a combination often results in uncontrollable, surprising, shocking. After cutting, folding, winding and other methods, the fabric is attached to the high-temperature ceramic surface to form a certain texture and produce a unique and novel look and feel. At the same time, there are also artists who use traditional fabric techniques to make ceramic art works, and create the texture of printing and dyeing techniques on the ceramic works, which weakens the coolness of the ceramic itself.

## 4. Summary

The use of comprehensive materials broadens the ideas of pottery creators. While inheriting the traditional craftsmanship, it breaks the monotony of the aesthetic experience brought by a single material. According to the design needs, combined with other suitable materials, there are many obstacles in the process of experimentation. , but the path of art itself lies in adventure, in uniqueness, in the unknown. With the development of science and technology, along with the emergence of new materials, the rational use of new materials, low-carbon environmental protection materials, and renewable energy materials is carried out in the creation of ceramic art, and excellent works that conform to the background of the contemporary era and are suitable for the development of the era are produced. I hope that in the future ceramic art creation, we can see more unique styles produced by the collision between comprehensive materials and ceramic art.

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