

## Color in Islamic Architecture and its impact on interior design

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### Introduction:

Color is one of the most important architectural elements in Islamic civilization so we must examine the color and symbolism in Islamic civilization to stand on the most important and revealing and then applied in interior design, so as to create a contemporary version suitable for application in modern life, where interior design elements vary between about Essential and influential insisted and complementary to integrate internal vacuum system and create conditions that would bring comfort, color is a complement to the interior design and the final result which the success of the entire design because of its fundamental role in highlighting lines and blocks And different configurations, as confirmed this role in response to natural acts of internal void users and improve their performance, so it is necessary to achieve the optimum use of color and what rhymes with internal vacuum function and physiological and psychological effects of users in this vacuum, Taking into account the cultural background and intellectual orientations as well as functional and aesthetic desires

### The importance of research:

Highlighting the importance of color in Islamic architecture to create a futuristic version of the color effect based on the update for application in interior design to cope with the requirements of the times, than physiological and psychological balance in internal spaces

### Objectives

Define the color and its most important theories -

-Clarify the impact of color in Islamic architecture -

-- Exploiting this effect in interior design in the contemporary formulation of physiological and psychological comfort in the vacuum and provide convenience for users of this vacuum

### Keywords:

Psychological considerations– Physiological considerations–Color Harmony      Philosophy of color -Color Balance

### The concept of color:

Physiological effect is generated in the retina caused by a beam of light of a specific wavelength, whether caused by pigmented or coloured article of coloured light, different wave length makes us distinguish between color and another is if it has no sense of existence outside the nervous system of organisms

### Characteristics of color — Colorimetry:

Numerous attempts to measure colors and determine their specifications but most such attempts are accurate and logical way of them snuck that developed by American scientist Albert H.Mnusell (1858-1918) has announced for the first time in 1905. It is a chromatic runway accurately identifies color characteristics and dimensions. It was found that it was not enough to identify common ferret color that says: dark red or light green color, like the box has three dimensions, called common Mnusell :( Hue) - (Value) – (Chrome)

### **Theories of color:**

Before the twentieth century color theory is founded upon pure or ideal colors, described sensory experiences rather than physical variables. This led to the traditional color theory principles errors which could not be corrected in modern models, based on a set of color theory concepts related to color, design and practical uses, which is linked to the concept of visual perception in humans and philosophical vision and trends Intellectual property and all associated physiological and psychological aspects

### **Effect of color on human philosophy and to study the psychological impact of human color:**

arranged side job design, because the internal vacuum needs to study architecture and type of occupants and the type of activity that will be exercised and the duration of the existence of the individual within a specific space are determined mainly through the philosophy of colors And their meanings and symbolic designations and its effect on the human psyche and in the level of activity of the individual, and there are many theories which came to interpret the reactions of individuals to color

### **Color in various world cultures:**

His old man and color meaning when peoples and the meaning of particular individuals, it wasn't the color derives from civilization or discovery but exists since the beginning of creation with Allah to mankind have different colors of nature colors and other creatures

- Color found in prehistoric terms fees using rhinestones and especially the color red as I found traces of using black

.- Ancient Egyptians : ancient Egyptian art civilization lasted more than three thousand and have found this immortal art, so did the fees and colorful hieroglyphics fonts but engraved, use ancient Egyptian Red, Brown in very light degree in women's clothes, b Brown Red grew into men's clothes

.- Ancient Chinese used color therapy with so called ' Fang Shui ' or ' power of place ' is an ancient Chinese science depends on changing or rearranging furniture in the home and work environment and distributed in a balanced way so that a balanced flow of energy in the place which in turn affect energy and psychic and human performance NF SSH, and color therapy is derived from the flag of ' Fang Shui ' depends on using color for energy balance of human body

### **Color in Islamic architecture:**

If we find that the Islamic creed knowledgeably color semantics came (expressive or sensory or aesthetic or symbolic), the color associated with essential sources:

First: the light coming from the sky that is associated with the Supreme creator.

II: darkness associated with ugliness, tyranny injustice, contrary to the beauty of Justice.

Therefore, color, and beauty coupled with a light, and then interferes with the concept of Justice, while the dark black color of grief, and radiant colors function in the popular usages playfulness

### **Meaning of the colors in the Islamic era:**

Colors were written in the Quran in several locations, nine times in seven verses of dignified : green, yellow, white, blue, black and Red together with other words carrying meanings of

colors as in verse (a rose like paint) and four black cited And description of the infidels and criminals and hypocrites.

Fourth, while describing the timing of griping about the food in Ramadan, white and red in nine verses, demonstrated the pomp and purity and serenity, love and goodness and truth and human emotion and interference with divine strength and stands as the creator, we find in general practice by saying (white flag of Allah) then came color shroud and wearing in ehram, blue appear once reflected from sea water page, and mention the color red once described mountains, and yellow three times, which demonstrates the maturity of fruits and then describe scenes of the resurrection and frosty winds, expressing delight at another location

### **The function of color in interior design:**

interior designer knowing the concept of color and the theories, should adopt what is known as the color system is a set of colors that it finds appropriate in the space designed according to specific criteria and general grounds associated with functional and aesthetic dimension of this vacuum and relevant by model or an architectural movement Inspired by the designer of his thoughts

. It should be noted that the study of theories and effects and colors are relatively recent studies ', so most interior architecture designs in the old ages do not have such an understanding of color and his theories so used colors according to personal tastes or Caprices with gloss and color semantics And their symbols in relation to belief and religion and folklore of the region bearing the same customs and traditions

then the color will play a vital role in interior design, it works to highlight elements of furnishing in relation to your content in the emptiness of the ceiling, floor and walls. As color occupies an important place in all aspects of our activities in public and private life, and the impact that we dictate the colors in space is reflected on the sensory feeling and muscular person. So choosing colors according to most important considerations (psychological considerations-aesthetic considerations and the multiple groundings) and that will be applied to an Interior, inspired by the thought and philosophy of Islamic architecture to determine how successful the designer

### **Applied project:**

Site visit (Faisal Islamic Bank – Dokki) as a model for contemporary thought inspired by Islamic civilization to identify the color effect in psychological considerations and aesthetic considerations for interior design.

**Hence we find that contemporary interior design has benefited from previous theories and civilizations, notably Islamic architecture as well as scientific studies in psychology and human and organic in Visual perception and aesthetic taste of your elements in space where you find the bases and criteria for the use of colors Within the architectural space**

### **Results:**

1 -color definitions and properties and theories have knowledge in order to achieve aesthetic and functional values in internal vacuum

2-color is one of the most important elements affecting the functional and spiritual aspects highlighted in Islamic architecture

3-color impact in Islamic architecture to create a contemporary version of customs values  
 Mechanism of color to achieve physiological and psychological comfort and functional interior design for any space

### **Recommendations:**

- 1 –stakeholders awareness of the importance of heritage and the need to maintain and renew, study employed
- 2- it is necessary to consider psychological and physiological dimension to color in Interior and architectural design.
- 3-work on studying and applying the criteria and considerations of choosing the color in interior design in order to reach the aesthetic and functional check designs

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