

" "

\*

---

## ABSTRACT

### **Physiological and Psychological effect of colors in the therapeutic buildings, Case Study, "Al-Shifa Hospital in Gaza Strip"**

The study aims to identify the colors that were used in the architecture of Al-Shifa Hospital, and whether they were utilized in line with the psychological health and comfort of individuals and users of architectural spaces of the complex.

Finally, data collection and analysis derived from field studies will be used to come up with proposals and recommendations to achieve a

---

\*

...

greater understanding of colors and how to employ them appropriately in architectural spaces.

The main research problem of this study is the following: "Is the employment of the colors in the internal spaces of buildings at Al-Shifa Hospital, taking into account the psychological and physiological circumstances of the users, and achieving easy perception of those spaces?". As the research hypothesis based on the negative answer to the previous question.

The research follows descriptive and analytical methods have been utilized through the description and analysis of the colors of some selected buildings in Al-Shifa Hospital. Furthermore, the search adopted field interviews of a group of specialists and users of those architectural spaces with different functions to find out the role of psychological and physiological effects of colors on it.

- - : \*

: -1

.

.

"

( 2:2007 ) "

)

.(4 :

.(2008 )

: **1-1**

: **2-1**

"

...

: **3-1**  
"

":  
: **4-1**

: **5-1**

: **6-1**

: -  
-  
-  
-  
-

: -2

: 1-2

:

.(1968- )

,"Value"

,"Hue"

.(60: 2007 ) "Chroma"

)

.(2011

:

2-2

( - - - - - )

(700-400)

550

700

) 702

400

(1)

.(2011

(1)

...

(1)

<http://ar.wikipedia.org>:

~ 430–480 THz	~ 700–630 nm	أحمر
~ 480–510 THz	~ 630–590 nm	برتقالي
~ 510–540 THz	~ 590–560 nm	أصفر
~ 540–610 THz	~ 560–490 nm	أخضر
~ 610–670 THz	~ 490–450 nm	أزرق
~ 670–750 THz	~ 450–400 nm	بنفسجي

(1)

( ):

Yellow		Grey	Black	Cyan	Brown	Purple	Pink	Red	Green
						Grey	Orange	Magenta	Blue

"

)

.(142: 2002

:

**3-2**

(2004 )

:

(27)

(28 27: ) (28)

.(142: 2002 )

.(2002 )

:

)

(13:1ط، 2010

...

.(1988 )

.(2008 )

.(2009 )

" "

.(2010 )



Abed El-Kareem Meheisen, J. Al-Aqsa Univ., Vol.16, No.1, 2012

(1988 )

( )  
Postmodern

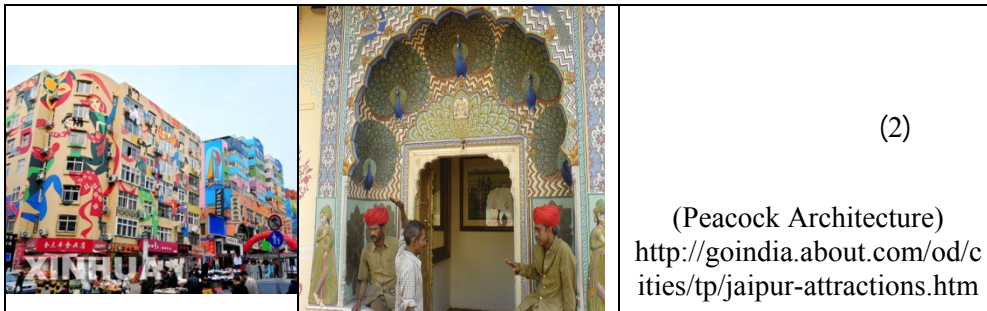
(2 ) Peacock Architecture

Pallet of colors

:

)

(2010



:

4-2

...

.(2007 ) "

.(2010 )

.(2011 )

.(142 : 2002 )

" :

":

.(89 :1 2003 ) "

" "

...

)

"

.(2009

:

"

.(tartoos,2010)

(2007 )

( )  
( )

: -3

(Frank, 2006)

Ulrich Beer : ( )

( )  
:

" "

(encyclopedia)

...

..

.(www.m3mare.com/vb/showthread.php?11396)

.(Jonathan, 2004)

: ( ) 1-3

" .(1985 )

"  
) "Martin Lang" .(2006 )  
(

(2006 ) (2010 )

"

(tartoos.com, 2010)

"

(124: 2002 )"

"

-

(2004 )

Leo

.

:

Paint Power "

"

(Norekent)

:

:

.

...

:

:

:

:

)

.(2010 ) (2011

: ( ) 2-3

.(- )

.(tartoos.com, 2010)

...

...

:

- - - :

- - - :

- - - :

.(2010 )

- :

:

"

" .(2010 ) (2009 ) "

...

.(2009 )

)

)

(

( )

.(alshikhqaidalardh.com, 2004 )

(2011 ) .

) .

.(2010 )

.(1977 )

.(1955 )

) (1977 )

) (2010 )

) (1988 )

)

(3 2)



(2)

(11 25:1995 )

...

			البنّي

(3)

:			
*	*	*	

	( )	( )	
	( )	*	*
*		*	*
		*	*
		*	*
10	)		
	* (		
	( )		

...

	) ( " "	* . . . . . : . .	
*	( ) * ( ) *	* *	

:			
*	*	*	
	*		*
	*		*
	*		
	*		
	*		
*			
*			

...

	*		
*			

	*		
			:
		*	
		*	

...

" " -4  
: 1-4

1946

:

42000m2 500

(2002 )

(3 )

(170 :2010 )



(3)

(2010

):



: 2-4

(9 3)

:

\*

\*

\*

\*

:

( )

!!!

.( :2010 )

\*

...

)

.( :2010

\*

)

-

(

-

-

-

-





180cm

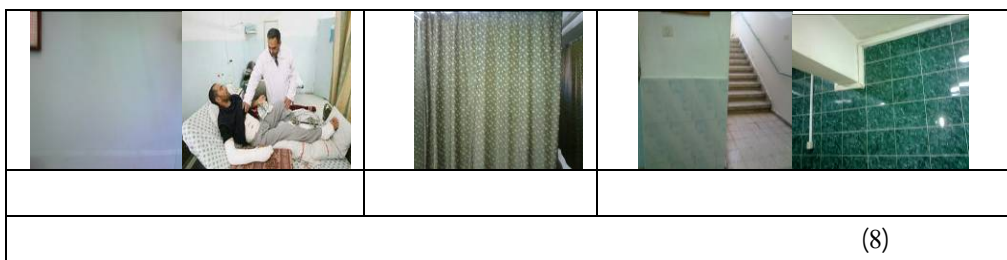
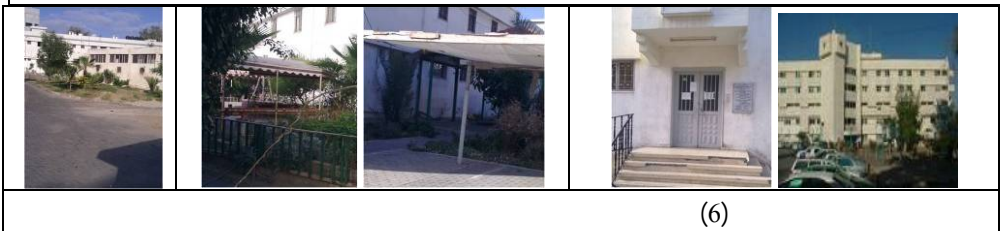
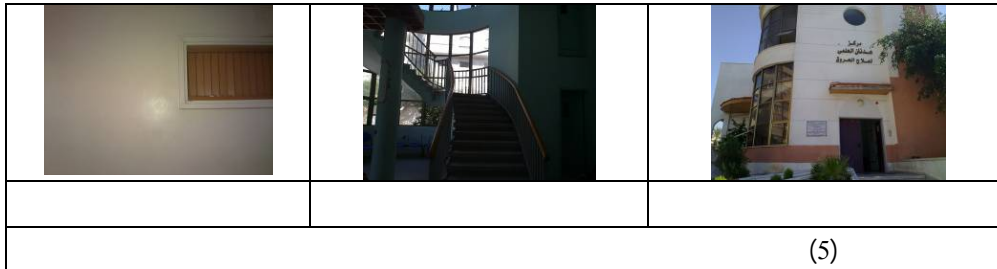
.( :2010 )

8-2




:

			
(3)			

			
(4)			



...

		-	
			
-		(9)	

:

3-4

:

\*

" "

\*

"

"

2010 )

(

10-8

"

"

:2010 )

.(

\*

\*

**4-4**

\*

(1994-1967)

....

:

\*

\*

...

" "

\*

" " "

" "

\*

( )

" "

\*

" "

-

" " "

-

\*

( " " )

180

( )

\*

:

5-4

"

"

.6-4

:

**6-4**

:

\*\*

( )

\*

( )

( )

) .

( )

( )

.(

( )

\*

) .

...

) .( \*

(

\*

" "

\*

) .

.(

\*

\*

) .

.(

\*



:

\*

-

.

-

.

-

-

.

-

\*

..

..

\*

:

\*

:

:

.

.

\*

( )

...

.( )

\*

"6 " (1)

:

:

:

-5

:

1-5

-

-

-

-

-

-

-

: 2-5

-

-

-

-

-

-

:

:

:

:2010

-1

:2010

-2

.pm

!

11:49 2010 30

...

<a href="http://a71ahttp://a71a-tollab.forumotion.com/profile.forum?mode=register-">http://a71ahttp://a71a-tollab.forumotion.com/profile.forum?mode=register-</a>		
	:1992	-3
	.1992: : 1420 : 1	
	:2010	-4
aswaqalaqar.com /content_234html		
	:2007	-5
	-	
	:2010	-6
1	:2003	-7
	:.....	-8
<a href="http://www.ju.edu.jo/old_publication/cultural64/science2.htm">http://www.ju.edu.jo/old_publication/cultural64/science2.htm</a>		
/http://www.tartoos.com 2010-11-14.		-9
-	<b>:2009</b>	-10
	. htm13-07-2009, 02:26 AM.	
<a href="http://www.adiga.org/forum/adiga103/t38907.html">http://www.adiga.org/forum/adiga103/t38907.html</a>		
	:2006	-11
2	:2002	-12
		142
	:-----	-13
	:1977	-14
	:2010	-15
	:2008	-16
	-	
	-	

	:1968	/	-17
		:1985	-18
7		:1988	-19
		:2007	-20
	.3	4	
	1	:1995	-21
		:1995	-22
		.11,24	
		:2004	-23
		:2002	-24
"	:2011		-25
		:2006	-26
		:2007	-27
		3	
	.2010		-28
		: 2007	.29
		:2002	-30
			-31

...

:2004 -32

:12-04-2009, 09:23 -33

34- Jonathan Poore, 2004: **Interior Color by Design: A Design Tool for Architects, Interior Designers, and Homeowners**, -----.

35- Frank H. Mahhke, 2006: **color, Environment, Human Response**, John Wiley Sons, Canada..

36-Pile, J. 1997; **Color in Interior Design**. McGraw Hill, USA.

37-<http://kenanaonline.cm/users/saidmae/posts/100940>

38-<http://www.iraqcp.org/members4/0070221wa14.htm333>

39-<http://www.alshikhqaidalardh.com/vb/showthread.php?t=2449>, 08-05-2008, 02:17 AM 4444

40-<http://ar.wikipedia.org/wiki/%D9%84%D9%88%D9%86>

41- <http://www.encyclopedia.com/doc/1G2-3468301874.html>,30/01/2020.

:

:2010 -42

.2010-10-26

:2010 -43

.2010-10-26

:2010 -44

.2010-11-14

:2010 -45

.2010-10-26

:2010 -46

.2010-10-26