

# Converting Colors

XYZ(64.0097, 59.7211, 65.2804)

Have a look what the booklet for  
XYZ(64.0097, 59.7211, 65.2804)  
contains.

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# Color

**XYZ(64.0097, 59.7211,  
65.2804)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBC0CC
RGB	235, 192, 204
RGB Percent	92%, 75%, 80%
CMY	0.0784, 0.2470, 0.2000
CMYK	0.00, 0.18, 0.13, 0.08
HSL	343°, 52%, 84%
HSV	343°, 18%, 92%
XYZ	64.0097, 59.7211, 65.2804
YIQ	206.2250, 21.7760, 12.8480

# Conversions

## Conversions Part 2

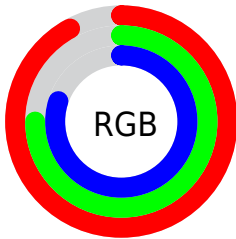
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 192, 204
Decimal	15450316
CIE Lab	81.69, 17.21, -0.22
CIE LCh	82, 17.207, 359.270
Yxy	59.7211, 0.3387, 0.3160
Android (android.graphics.Color)	4293640396 (0xFFEBC0CC)
YUV	206.2250, -1.0969, 25.2357
Hunter-Lab	77.2794, 12.6106, 4.0114

# Details

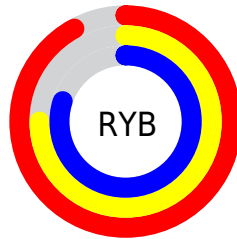
The XYZ color **64.0097, 59.7211, 65.2804** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.7683, 75.9524, 81.0624**, and the grayscale version is **58.8088, 61.8714, 67.3780**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **33.1839, 29.9627, 32.8886** is the 20% darker color. If you saturate the color by 10%, you get **57.3332, 49.4450, 53.5682**, and if you desaturate by 10%, it is **71.7345, 71.7387, 78.4343**.

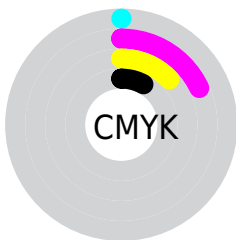
# Distribution



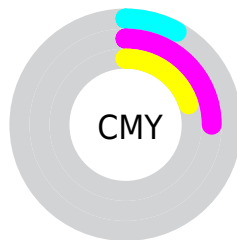
- Red (92%)
- Green (75%)
- Blue (80%)



- Red (92%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (18%)
- Yellow (13%)
- Black (8%)




- Cyan (8%)
- Magenta (25%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0097, 59.7211, 65.2804 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 64.0097, 59.7211, 65.2804 by changing the saturation by 10% instead.





 64.0097, 59.7211,  
65.2804

 64.0097, 59.7211,  
65.2804


428.8263,  
423.5690, 462.1327

 46.9202, 43.1939,  
47.2357

 109.6986,  
104.4250, 114.0700

 33.1803, 30.0373,  
32.8663


139.0287,  
133.3704, 145.6520

 22.4245, 19.8669,  
21.7538


173.1697,  
167.2241, 182.5835

 14.2875, 12.2983,  
13.4795

212.4871,  
206.3703, 225.2831

 8.4039, 6.9472,  
7.6250

257.3460,  
251.1935, 274.1693

 4.4085, 3.4291,  
3.7716

308.1120,

 1.9357, 1.3596,


302.0781, 329.6605

1.5009


365.1503,  
359.4085, 392.1755


 0.5975, 0.1867,  
0.2186


 0.0000, 0.0000,  
0.0000


 64.0097, 59.7211,  
65.2804


 64.0097, 59.7211,  
65.2804


 57.3332, 49.4450,  
53.5682


 71.7345, 71.7387,  
78.4343


 51.6540, 40.8214,  
43.2437

 80.5457, 85.5652,  
93.0736

 46.9241, 33.7658,  
34.2552

 88.0442, 96.3915,  
108.4310

 43.0895, 28.1827,  
26.5460

 88.0713, 96.4023,  
108.5734

■ 40.0907, 23.9663,  
20.0551

■ 37.8605, 20.9965,  
14.7162

■ 36.3204, 19.1317,  
10.4556

■ 35.3620, 18.1722,  
7.1854

■ 35.2319, 18.0506,  
6.7145

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.9575, 59.7211, 75.7511



64.0097, 59.7211, 65.2804



63.0526, 59.7211, 55.7605

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.0097, 59.7211, 65.2804



53.4282, 59.7211, 49.1441



53.2809, 59.7211, 83.7060

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.0097, 59.7211, 65.2804



64.7683, 75.9524, 81.0624

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.9065, 59.7211, 75.2652



64.0097, 59.7211, 65.2804



50.9890, 59.7211, 55.3645

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.0097, 59.7211, 65.2804



56.8518, 59.7211, 47.0643



50.0852, 59.7211, 64.7725



56.6745, 59.7211, 87.0595



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.0097, 59.7211, 65.2804



61.4260, 59.7211, 51.0625



50.0852, 59.7211, 64.7725



52.3424, 59.7211, 81.3282

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.0114, 59.7238, 65.2817



89.6716, 91.5552, 99.9795



64.2221, 59.3592, 86.6706



19.0374, 19.3522, 21.1392



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.0114, 59.7238, 65.2817



73.8486, 66.9441, 73.0178



64.7379, 63.3916, 58.6962



15.2382, 15.1231, 16.5395



19.6546, 10.0645, 3.9827



1.5831, 0.8062, 0.5219



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



64.0114, 59.7238, 65.2817



73.8486, 66.9441, 73.0178



63.8460, 71.4271, 89.0198



15.2382, 15.1231, 16.5395



19.6546, 10.0645, 3.9827

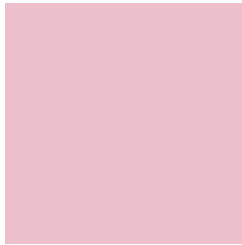


1.5831, 0.8062, 0.5219



# Previews

## White Background



This preview shows how the XYZ color 64.0097, 59.7211, 65.2804 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 64.0097, 59.7211, 65.2804 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

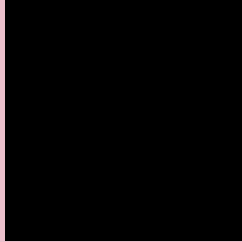
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 64.0097, 59.7211, 65.2804

## Background



This preview shows how black text looks on a background with the XYZ color 64.0097, 59.7211, 65.2804.



This preview shows how white text looks on a background with the XYZ color 64.0097, 59.7211,

65.2804.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

64.0097, 59.7211, 65.2804

### Protanopia

57.9302, 59.8733, 69.4762

### Deuteranopia

61.1772, 59.9323, 64.8436



## Tritanopia

64.3731, 59.8664, 67.1940

# Trichromacy



## Original Color

64.0097, 59.7211, 65.2804

## Protanomaly

59.8982, 59.5412, 68.0101

## Deuteranomaly

61.9732, 59.6729, 64.7516

## Tritanomaly

64.2512, 59.8177, 66.5521

# Monochromacy



## Original Color

64.0097, 59.7211, 65.2804

## Achromatopsia

58.6655, 61.7207, 67.2138

## Achromatomaly

60.5214, 60.9328, 66.3290

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 64.0097, 59.7211, 65.2804 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(235, 192, 204) looks like.

```
.text, #text, p{  
    color:rgb(235, 192, 204)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(235, 192, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 192, 204) }
```

## Border

The CSS property to change the border of an element to XYZ 64.0097, 59.7211, 65.2804 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 192, 204) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(235, 192, 204) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(235, 192, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 192, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 192, 204);  
box-shadow:4px 4px 4px 4px rgb(235, 192,  
204) }
```

# Background

The CSS property to change the background color of an element to XYZ 64.0097, 59.7211, 65.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 192, 204) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(235,  
192, 204) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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