

Converting Colors

XYZ(66.3603, 63.4414, 68.8905)

Have a look what the booklet for
XYZ(66.3603, 63.4414, 68.8905)
contains.

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Color

**XYZ(66.4238, 63.5742,
69.0917)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC8D1
RGB	235, 200, 209
RGB Percent	92%, 78%, 82%
CMY	0.0784, 0.2157, 0.1804
CMYK	0.00, 0.15, 0.11, 0.08
HSL	345°, 47%, 85%
HSV	345°, 15%, 92%
XYZ	66.4238, 63.5742, 69.0917
YIQ	211.4910, 17.9710, 10.2190

Conversions

Conversions Part 2

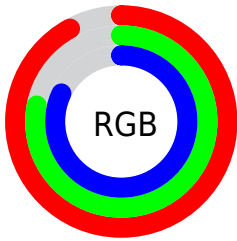
Format	Color
R _Y B	235, 200, 209
Decimal	15452369
CIE Lab	83.74, 13.78, 0.11
CIE LCh	84, 13.780, 0.447
Yxy	63.5742, 0.3336, 0.3193
Android (android.graphics.Color)	4293642449 (0xFFEBC8D1)
YUV	211.4910, -1.2281, 20.6174
Hunter-Lab	79.7334, 9.1701, 4.4366

Details

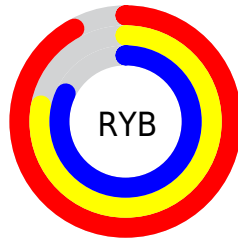
The XYZ color **66.4238, 63.5742, 69.0917** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.2577, 77.1885, 83.3092**, and the grayscale version is **62.2427, 65.4841, 71.3122**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7857, 32.5080, 35.4516** is the 20% darker color. If you saturate the color by 10%, you get **59.3496, 52.6971, 56.6470**, and if you desaturate by 10%, it is **74.5750, 76.2247, 83.0657**.

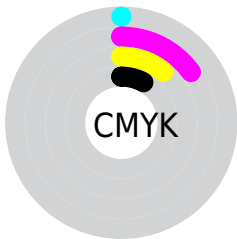
Distribution



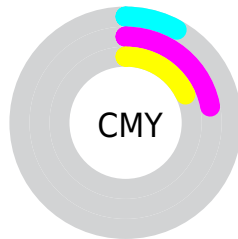
- Red (92%)
- Green (78%)
- Blue (82%)



- Red (92%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (8%)



- Cyan (8%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4238, 63.5742, 69.0917 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 66.4238, 63.5742, 69.0917 by changing the saturation by 10% instead.

66.4238, 63.5742,
69.0917

66.4238, 63.5742,
69.0917

437.3558,
437.6504, 476.0570

48.8855, 46.3059,
50.3142

113.1487,
109.9975, 119.5815

34.7428, 32.4873,
35.2902

143.0661,
139.9212, 152.1308

23.6304, 21.7340,
23.6011

177.8405,
174.8323, 190.1078

15.1829, 13.6615,
14.8286

217.8373,
215.1150, 233.9311

9.0350, 7.8856,
8.5539

263.4219,
261.1538, 284.0191

4.8213, 4.0219,
4.3585


314.9596,

2.1765, 1.6858,


313.3330, 340.7903


1.8240


372.8158,
372.0371, 404.6635


 0.7303, 0.4144,
0.4437


 0.0000, 0.0000,
0.0000


 66.4238, 63.5742,
69.0917


 66.4238, 63.5742,
69.0917


 59.3496, 52.6971,
56.6470


 74.5750, 76.2247,
83.0657

 53.3014, 43.5058,
45.6749

 83.8407, 90.7142,
98.6149

 48.2319, 35.9178,
36.1207

 88.0712, 96.4023,
108.5734

 44.0880, 29.8404,
27.9251

■ 40.8113, 25.1712,
21.0241

■ 38.3366, 21.7952,
15.3485

■ 36.5888, 19.5789,
10.8218

■ 35.4771, 18.3591,
7.3574

■ 35.0876, 17.9929,
5.9553

Harmonies

Analogous

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



65.6221, 63.5742, 77.7577



66.4238, 63.5742, 69.0917



65.5742, 63.5742, 61.1268

Triad

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



66.4238, 63.5742, 69.0917



57.5286, 63.5742, 55.8440



57.6046, 63.5742, 84.7296

Complementary

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



66.4238, 63.5742, 69.0917



67.2577, 77.1885, 83.3092

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.



55.5534, 63.5742, 78.0010



66.4238, 63.5742, 69.0917



55.5105, 63.5742, 61.3341

Square

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



66.4238, 63.5742, 69.0917



60.3800, 63.5742, 53.8792



54.7994, 63.5742, 69.3515



60.4707, 63.5742, 87.2305

Rectangle

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



66.4238, 63.5742, 69.0917



64.2014, 63.5742, 57.1674



54.7994, 63.5742, 69.3515



56.8004, 63.5742, 82.8610

Sweetspot

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



66.4256, 63.5770, 69.0930



90.6856, 93.1853, 101.5444



66.9114, 63.4247, 87.3134



19.2400, 19.6798, 21.4460



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.



66.4256, 63.5770, 69.0930



77.1027, 72.1251, 78.1937



67.2848, 67.0280, 64.0385



15.2244, 15.1176, 16.4668



19.5716, 10.0313, 3.5456



1.5750, 0.8029, 0.4791

Inverse Universe

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



66.4256, 63.5770, 69.0930



77.1027, 72.1251, 78.1937



66.2405, 73.1264, 89.2214



15.2244, 15.1176, 16.4668



19.5716, 10.0313, 3.5456



1.5750, 0.8029, 0.4791

Previews

White Background



This preview shows how the XYZ color 66.4238, 63.5742, 69.0917 looks on a white background.

Color Contrast Check

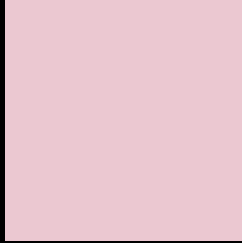
Large Text (above 18pt) WCAG AA × Fail

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 66.4238, 63.5742, 69.0917 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 66.4238, 63.5742, 69.0917

Background



This preview shows how black text looks on a background with the XYZ color 66.4238, 63.5742, 69.0917.



This preview shows how white text looks on a background with the XYZ color 66.4238, 63.5742,

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

66.4238, 63.5742, 69.0917

Protanopia

61.5574, 63.8157, 72.6916

Deuteranopia

64.9423, 63.5025, 69.1560



Tritanopia

67.2812, 63.5860, 73.0172

Trichromacy



Original Color

66.4238, 63.5742, 69.0917

Protanomaly

63.2302, 63.6318, 71.2369

Deuteranomaly

65.3503, 63.3657, 69.1081

Tritanomaly

67.0257, 63.4838, 71.6718

Monochromacy



Original Color

66.4238, 63.5742, 69.0917

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.4609, 64.4944, 70.0767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4238, 63.5742, 69.0917 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, 200, 209)` looks like.

```
.text, #text, p{  
    color:rgb(235, 200, 209)  
}
```

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, 200, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 200, 209) }
```

Border

The CSS property to change the border of an element to XYZ 66.4238, 63.5742, 69.0917 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, 200, 209) }
```


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

```
.border{ border-color:rgb(235, 200, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 200, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 200, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 200, 209);  
box-shadow:4px 4px 4px 4px rgb(235, 200,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4238, 63.5742, 69.0917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 200, 209) }
```

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

```
.background{ background-color: rgb(235,  
200, 209) }
```

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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