

Converting Colors

XYZ(69.7963, 63.6656, 65.7914)

Have a look what the booklet for
XYZ(69.7963, 63.6656, 65.7914)
contains.

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Color

**XYZ(69.8385, 63.7138,
65.7439)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC3CC
RGB	250, 195, 204
RGB Percent	98%, 76%, 80%
CMY	0.0196, 0.2353, 0.2000
CMYK	0.00, 0.22, 0.18, 0.02
HSL	350°, 85%, 87%
HSV	350°, 22%, 98%
XYZ	69.8385, 63.7138, 65.7439
YIQ	212.4710, 29.8910, 14.4590

Conversions

Conversions Part 2

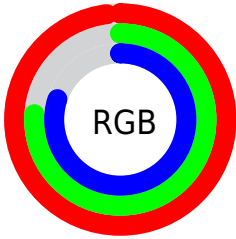
Format	Color
R _Y B	250, 195, 204
Decimal	16434124
CIE Lab	83.82, 20.94, 3.06
CIE LCh	84, 21.164, 8.300
Yxy	63.7138, 0.3504, 0.3197
Android (android.graphics.Color)	4294624204 (0xFFFA3CC)
YUV	212.4710, -4.1762, 32.9129
Hunter-Lab	79.8209, 16.4901, 7.0409

Details

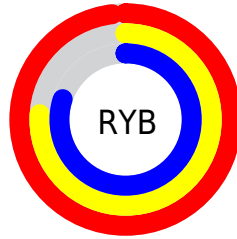
The XYZ color **69.8385, 63.7138, 65.7439** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.5710, 86.3257, 96.0608**, and the grayscale version is **62.9072, 66.1833, 72.0736**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **37.0222, 32.5892, 33.1932** is the 20% darker color. If you saturate the color by 10%, you get **62.3571, 52.4985, 51.6959**, and if you desaturate by 10%, it is **78.5980, 76.9451, 81.8808**.

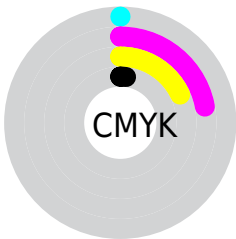
Distribution



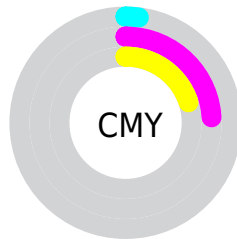
- Red (98%)
- Green (76%)
- Blue (80%)



- Red (98%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (22%)
- Yellow (18%)
- Black (2%)





- Cyan (2%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.8385, 63.7138, 65.7439 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 69.8385, 63.7138, 65.7439 by changing the saturation by 10% instead.


 69.8385, 63.7138,
65.7439

 69.8385, 63.7138,
65.7439

449.2580,
438.1554, 463.8396

 51.6740, 46.4189,
47.6094


 118.0059,
110.1987, 114.7422

 36.9685, 32.5765,
33.1599


148.7396,
140.1574, 146.4430

 25.3567, 21.8022,
21.9768


184.3937,
175.1062, 183.5030

 16.4731, 13.7117,
13.6417

225.3336,
215.4296, 226.3407

 9.9525, 7.9204,
7.7360

271.9246,
261.5117, 275.3747

 5.4295, 4.0440,
3.8411


324.5321,

 2.5387, 1.6982,


313.7372, 331.0235


1.5386


383.5214,
372.4903, 393.7056


 0.9148, 0.4225,
0.2464


 0.0000, 0.0000,
0.0000

 69.8385, 63.7138,
65.7439


 69.8385, 63.7138,
65.7439


 62.3571, 52.4985,
51.6959


 78.5980, 76.9451,
81.8808

 56.0884, 43.1917,
39.6469

 88.6862, 92.2756,
100.1832

 50.9695, 35.6896,
29.5068

 93.2346, 99.0641,
108.8150

 46.9292, 29.8743,
21.1764

■ 43.8887, 25.6146,
14.5477

■ 41.7576, 22.7591,
9.5011

■ 40.4291, 21.1263,
5.9002

■ 39.8229, 20.4835,
3.9428

Harmonies

Analogous

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



69.2467, 63.7138, 79.2734



69.8385, 63.7138, 65.7439



67.8455, 63.7138, 54.6891

Triad

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



69.8385, 63.7138, 65.7439



55.1864, 63.7138, 51.1642



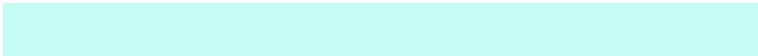
57.3136, 63.7138, 95.9743

Complementary

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



69.8385, 63.7138, 65.7439



72.5710, 86.3257, 96.0608

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.



53.8121, 63.7138, 86.4759



69.8385, 63.7138, 65.7439



52.6284, 63.7138, 60.3342

Square

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



69.8385, 63.7138, 65.7439



59.2771, 63.7138, 47.0046



52.1385, 63.7138, 73.1343



61.8574, 63.7138, 97.9061

Rectangle

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



69.8385, 63.7138, 65.7439



65.3764, 63.7138, 49.7968



52.1385, 63.7138, 73.1343



55.9825, 63.7138, 93.5070

Sweetspot

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



69.8403, 63.7167, 65.7452



87.3062, 88.2107, 94.9172



72.9911, 64.6068, 99.0663



18.5512, 18.6743, 20.0696



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.



69.8403, 63.7167, 65.7452



69.7453, 61.6751, 62.5935



73.1548, 72.0230, 61.6795



17.3604, 17.2715, 18.4876



21.1575, 10.8787, 2.2717



1.9916, 1.0204, 0.3794

Inverse Universe

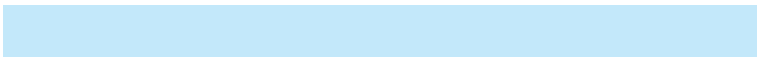
The Inverse Universe completely reimagines the original color for something new.



69.8403, 63.7167, 65.7452



69.7453, 61.6751, 62.5935



68.5262, 76.0322, 101.5070



17.3604, 17.2715, 18.4876



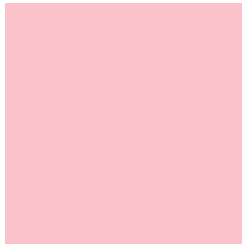
21.1575, 10.8787, 2.2717



1.9916, 1.0204, 0.3794

Previews

White Background



This preview shows how the XYZ color 69.8385, 63.7138, 65.7439 looks on a white background.

Color Contrast Check

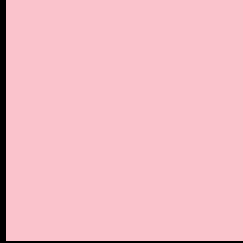
Large Text (above 18pt) WCAG AA × Fail

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 69.8385, 63.7138, 65.7439 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 69.8385, 63.7138, 65.7439

Background



This preview shows how black text looks on a background with the XYZ color 69.8385, 63.7138, 65.7439.



This preview shows how white text looks on a background with the XYZ color 69.8385, 63.7138,

65.7439.

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

69.8385, 63.7138, 65.7439

Protanopia

61.5909, 63.8623, 71.3678

Deuteranopia

65.1787, 63.7087, 65.3616



Tritanopia

70.5841, 63.6963, 68.8960

Trichromacy



Original Color

69.8385, 63.7138, 65.7439

Protanomaly

64.2286, 63.4841, 69.1900

Deuteranomaly

66.7995, 63.5094, 65.2377

Tritanomaly

70.3379, 63.5978, 67.5999

Monochromacy



Original Color

69.8385, 63.7138, 65.7439

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.9440, 64.9148, 69.4285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8385, 63.7138, 65.7439 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(250, 195, 204) looks like.

```
.text, #text, p{  
    color:rgb(250, 195, 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(250, 195, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 195, 204) }
```

Border

The CSS property to change the border of an element to XYZ 69.8385, 63.7138, 65.7439 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(250, 195, 204) }
```


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

```
.border{ border-color:rgb(250, 195, 204) }
```

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

Here you see how a box with a 4 pixel rgb(250, 195, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 195, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 195, 204);  
box-shadow:4px 4px 4px 4px rgb(250, 195,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8385, 63.7138, 65.7439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 195, 204) }
```

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

```
.background{ background-color: rgb(250,  
195, 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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