

Converting Colors

XYZ(69.8095, 66.5048, 65.8887)

Have a look what the booklet for
XYZ(69.8095, 66.5048, 65.8887)
contains.

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Color

**XYZ(69.7916, 66.4361,
65.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	F5CBCB
RGB	245, 203, 203
RGB Percent	96%, 80%, 80%
CMY	0.0392, 0.2039, 0.2039
CMYK	0.00, 0.17, 0.17, 0.04
HSL	0°, 68%, 88%
HSV	0°, 17%, 96%
XYZ	69.7916, 66.4361, 65.6450
YIQ	215.5580, 25.0320, 8.9040

Conversions

Conversions Part 2

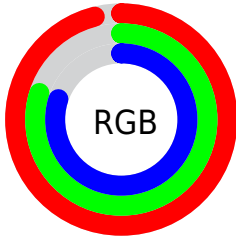
Format	Color
R _Y B	245, 203, 203
Decimal	16108491
CIE Lab	85.22, 14.80, 5.56
CIE LCh	85, 15.808, 20.582
Yxy	66.4361, 0.3457, 0.3291
Android (android.graphics.Color)	4294298571 (0xFFF5CBCB)
YUV	215.5580, -6.1911, 25.8206
Hunter-Lab	81.5083, 10.2012, 9.3050

Details

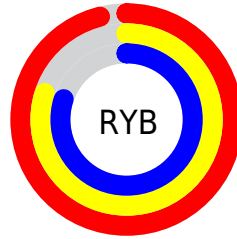
The XYZ color **69.7916, 66.4361, 65.6450** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7619, 84.5920, 98.8270**, and the grayscale version is **65.0000, 68.3850, 74.4713**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9113, 34.3562, 33.1197** is the 20% darker color. If you saturate the color by 10%, you get **61.7645, 54.6906, 49.6849**, and if you desaturate by 10%, it is **79.1979, 80.2004, 84.3426**.

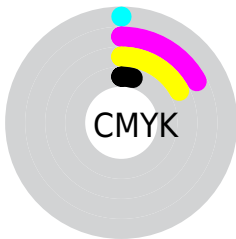
Distribution



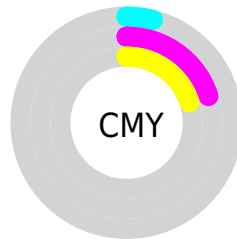
- Red (96%)
- Green (80%)
- Blue (80%)



- Red (96%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.7916, 66.4361, 65.6450 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 69.7916, 66.4361, 65.6450 by changing the saturation by 10% instead.


 69.7916, 66.4361,
65.6450

 69.7916, 66.4361,
65.6450


449.0958,
447.9349, 463.4757

 51.6356, 48.6265,
47.5296


117.9394,
114.1120, 114.5988

 36.9378, 34.3233,
33.0972


148.6620,
144.7471, 146.2743

 25.3328, 23.1421,
21.9292


184.3041,
180.4262, 183.3069

 16.4552, 14.6984,
13.6071

225.2311,
221.5337, 226.1152

 9.9397, 8.6080,
7.7123

271.8085,
268.4539, 275.1177

 5.4210, 4.4864,
3.8263

324.4015,

 2.5336, 1.9492,

321.5712, 330.7329

1.5305

383.3754,
381.2701, 393.3794

■ 0.9122, 0.5777,
0.2405

■ 0.0000, 0.0000,
0.0000

■ 69.7916, 66.4361,
65.6450

■ 69.7916, 66.4361,
65.6450

■ 61.7645, 54.6906,
49.6849

■ 79.1979, 80.2004,
84.3426

■ 55.0467, 44.8605,
36.3301

■ 90.0381, 96.0624,
105.8932

■ 49.5703, 36.8470,
25.4436

■ 91.4664, 98.1526,
108.7323

■ 45.2595, 30.5389,
16.8741

■ 42.0297, 25.8127,
10.4540

■ 39.7854, 22.5285,
5.9930

■ 38.4142, 20.5217,
3.2676

■ 37.7711, 19.5805,
1.9897

■ 37.6567, 19.4132,
1.7624

Harmonies

Analogous

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



70.1617, 66.4361, 75.6023



69.7916, 66.4361, 65.6450



67.6049, 66.4361, 58.1897

Triad

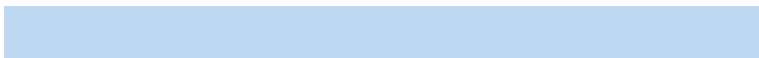
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.7916, 66.4361, 65.6450



57.9901, 66.4361, 60.5598



62.0290, 66.4361, 93.5144

Complementary

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



69.7916, 66.4361, 65.6450



73.7619, 84.5920, 98.8270

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.



58.8867, 66.4361, 88.6109



69.7916, 66.4361, 65.6450



56.6134, 66.4361, 69.1683

Square

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



69.7916, 66.4361, 65.6450



60.7632, 66.4361, 55.4514



56.9354, 66.4361, 79.4703



65.5893, 66.4361, 92.3449

Rectangle

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



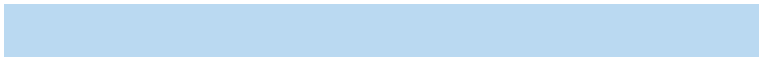
69.7916, 66.4361, 65.6450



65.4551, 66.4361, 55.3372



56.9354, 66.4361, 79.4703



60.8909, 66.4361, 92.5056

Sweetspot

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



69.7934, 66.4391, 65.6464



89.1316, 91.3398, 97.1340



75.4943, 68.7178, 95.6717



18.9067, 19.3000, 20.4504



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.



69.7934, 66.4391, 65.6464



72.8286, 67.4842, 64.7236



75.0921, 77.0364, 67.4126



16.4993, 16.4828, 17.1095



20.2864, 10.4583, 0.9494



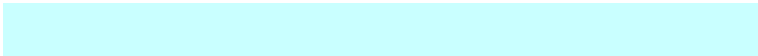
1.7830, 0.9193, 0.0835

Inverse Universe

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



73.7619, 84.5920, 98.8270



78.0168, 91.2165, 108.1024



67.7665, 72.6013, 96.8286



16.9966, 18.7575, 21.2673



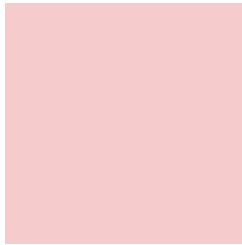
26.4654, 38.7246, 52.6177



2.3261, 3.4036, 4.6246

Previews

White Background



This preview shows how the XYZ color 69.7916, 66.4361, 65.6450 looks on a white background.

Color Contrast Check

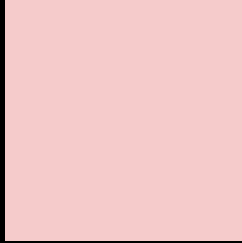
Large Text (above 18pt) WCAG AA × Fail

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 69.7916, 66.4361, 65.6450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

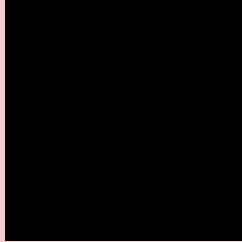
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.7916, 66.4361, 65.6450

Background



This preview shows how black text looks on a background with the XYZ color 69.7916, 66.4361, 65.6450.



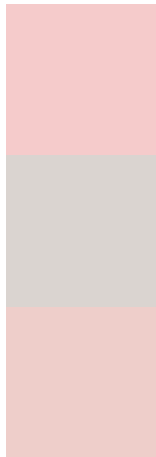
This preview shows how white text looks on a background with the XYZ color 69.7916, 66.4361,

65.6450.

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

69.7916, 66.4361, 65.6450

Protanopia

63.8421, 66.5465, 69.1544

Deuteranopia

67.9919, 66.5840, 65.1456



Tritanopia

71.7688, 66.5572, 74.7098

Trichromacy



Original Color

69.7916, 66.4361, 65.6450

Protanomaly

65.9360, 66.5511, 67.7630

Deuteranomaly

68.7676, 66.6277, 65.1131

Tritanomaly

71.0102, 66.5874, 71.3974

Monochromacy



Original Color

69.7916, 66.4361, 65.6450

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.7307, 67.6226, 71.1634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7916, 66.4361, 65.6450 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(245, 203, 203)` looks like.

```
.text, #text, p{  
    color:rgb(245, 203, 203)  
}
```

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(245, 203, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 203, 203) }
```

Border

The CSS property to change the border of an element to XYZ 69.7916, 66.4361, 65.6450 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(245, 203, 203) }
```


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

```
.border{ border-color:rgb(245, 203, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 203, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 203, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 203, 203); box-shadow:4px 4px 4px 4px rgb(245, 203, 203) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7916, 66.4361, 65.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 203, 203) }
```

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

```
.background{ background-color: rgb(245,  
203, 203) }
```

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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