

Converting Colors

XYZ(69.6294, 64.5890, 66.2743)

Have a look what the booklet for
XYZ(69.6294, 64.5890, 66.2743)
contains.

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Color

**XYZ(69.5713, 64.5701,
66.5541)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C6CD
RGB	247, 198, 205
RGB Percent	97%, 78%, 80%
CMY	0.0314, 0.2235, 0.1961
CMYK	0.00, 0.20, 0.17, 0.03
HSL	351°, 75%, 87%
HSV	351°, 20%, 97%
XYZ	69.5713, 64.5701, 66.5541
YIQ	213.4490, 26.9570, 12.5650

Conversions

Conversions Part 2

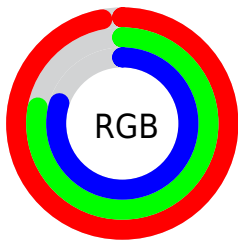
Format	Color
R _Y B	247, 198, 205
Decimal	16238285
CIE Lab	84.26, 18.45, 3.13
CIE LCh	84, 18.711, 9.634
Yxy	64.5701, 0.3467, 0.3217
Android (android.graphics.Color)	4294428365 (0xFFF7C6CD)
YUV	213.4490, -4.1654, 29.4242
Hunter-Lab	80.3555, 13.9220, 7.1422

Details

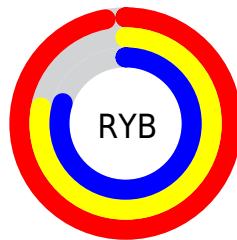
The XYZ color **69.5713, 64.5701, 66.5541** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.2802, 84.8201, 95.0045**, and the grayscale version is **63.5624, 66.8726, 72.8242**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7944, 33.1280, 33.7332** is the 20% darker color. If you saturate the color by 10%, you get **61.9940, 53.2324, 52.2604**, and if you desaturate by 10%, it is **78.4187, 77.8933, 82.9791**.

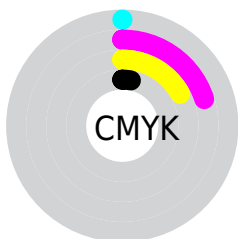
Distribution



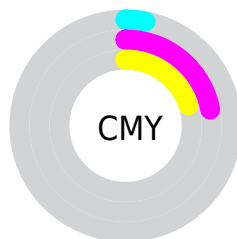
- Red (97%)
- Green (78%)
- Blue (80%)



- Red (97%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (17%)
- Black (3%)





- Cyan (3%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.5713, 64.5701, 66.5541 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 69.5713, 64.5701, 66.5541 by changing the saturation by 10% instead.


 69.5713, 64.5701,
66.5541

 69.5713, 64.5701,
66.5541


448.3333,
441.2455, 466.8141

 51.4554, 47.1126,
48.2630


117.6268,
111.4316, 115.9158

 36.7937, 33.1247,
33.6738


148.2972,
141.6043, 147.8236

 25.2208, 22.2220,
22.3678


183.8831,
176.7842, 185.1072

 16.3712, 14.0201,
13.9265

224.7499,
217.3557, 228.1855

 9.8797, 8.1346,
7.9314

271.2629,
263.7032, 277.4767

 5.3809, 4.1812,
3.9639


323.7876,

 2.5095, 1.7754,


316.2111, 333.3995


1.6056


382.6893,
375.2637, 396.3725


 0.9000, 0.4718,
0.2948


 0.0000, 0.0000,
0.0000


 69.5713, 64.5701,
66.5541


 69.5713, 64.5701,
66.5541


 61.9940, 53.2324,
52.2604


 78.4187, 77.8933,
82.9791

 55.6232, 43.7766,
40.0064

 88.5854, 93.2814,
101.6139

 50.3975, 36.1034,
29.6999

 92.1680, 98.5143,
108.7651

 46.2483, 30.1005,
21.2398

■ 43.0993, 25.6431,
14.5161

■ 40.8641, 22.5884,
9.4066

■ 39.4412, 20.7674,
5.7729

■ 38.6750, 19.9081,
3.4426

■ 38.6654, 19.8972,
3.4136

Harmonies

Analogous

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



69.1526, 64.5701, 78.5542



69.5713, 64.5701, 66.5541



67.7181, 64.5701, 56.7255

Triad

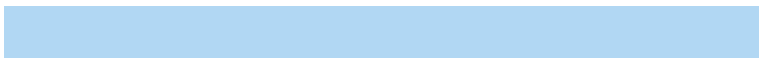
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.5713, 64.5701, 66.5541



56.4262, 64.5701, 54.1486



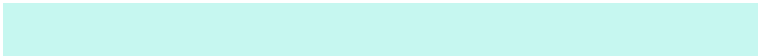
58.6393, 64.5701, 93.9538

Complementary

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



69.5713, 64.5701, 66.5541



72.2802, 84.8201, 95.0045

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.



55.4352, 64.5701, 85.8971



69.5713, 64.5701, 66.5541



54.1980, 64.5701, 62.6561

Square

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



69.5713, 64.5701, 66.5541



60.0476, 64.5701, 50.1144



53.8435, 64.5701, 74.1960



62.7157, 64.5701, 95.3011

Rectangle

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



69.5713, 64.5701, 66.5541



65.4906, 64.5701, 52.3903



53.8435, 64.5701, 74.1960



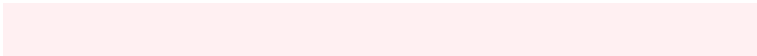
57.4297, 64.5701, 91.9006

Sweetspot

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



69.5731, 64.5730, 66.5554



88.3215, 89.8076, 96.5930



72.8010, 65.5707, 96.8157



18.7544, 18.9956, 20.3994



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.



69.5731, 64.5730, 66.5554



71.2118, 64.0444, 64.8203



72.8915, 72.5312, 63.5878



16.5955, 16.5211, 17.6165



20.4791, 10.5351, 1.9656



1.8288, 0.9375, 0.3250

Inverse Universe

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



69.5731, 64.5730, 66.5554



71.2118, 64.0444, 64.8203



68.3347, 75.2336, 98.9162



16.5955, 16.5211, 17.6165



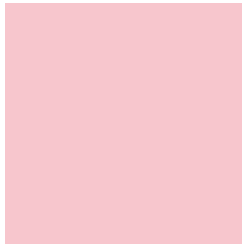
20.4791, 10.5351, 1.9656



1.8288, 0.9375, 0.3250

Previews

White Background



This preview shows how the XYZ color 69.5713, 64.5701, 66.5541 looks on a white background.

Color Contrast Check

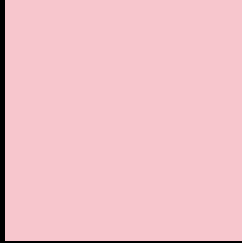
Large Text (above 18pt) WCAG AA × Fail

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 69.5713, 64.5701, 66.5541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

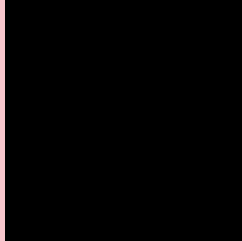
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5713, 64.5701, 66.5541

Background



This preview shows how black text looks on a background with the XYZ color 69.5713, 64.5701, 66.5541.



This preview shows how white text looks on a background with the XYZ color 69.5713, 64.5701,

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

69.5713, 64.5701, 66.5541

Protanopia

62.2899, 64.6002, 70.8141

Deuteranopia

65.8593, 64.3951, 66.0851



Tritanopia

70.5613, 64.6424, 71.0456

Trichromacy



Original Color

69.5713, 64.5701, 66.5541

Protanomaly

64.7040, 64.4348, 69.3485

Deuteranomaly

67.0456, 64.3101, 66.0061

Tritanomaly

70.1863, 64.4924, 69.0707

Monochromacy



Original Color

69.5713, 64.5701, 66.5541

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.2401, 65.7724, 70.2296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5713, 64.5701, 66.5541 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(247, 198, 205)` looks like.

```
.text, #text, p{  
    color:rgb(247, 198, 205)  
}
```

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(247, 198, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 198, 205) }
```

Border

The CSS property to change the border of an element to XYZ 69.5713, 64.5701, 66.5541 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(247, 198, 205) }
```


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

```
.border{ border-color:rgb(247, 198, 205) }
```

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

Here you see how a box with a 4 pixel rgb(247, 198, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 198, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 198, 205);  
box-shadow:4px 4px 4px 4px rgb(247, 198,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5713, 64.5701, 66.5541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 198, 205) }
```

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

```
.background{ background-color: rgb(247,  
198, 205) }
```

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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