

Converting Colors

XYZ(69.9937, 64.2634, 70.2037)

Have a look what the booklet for
XYZ(69.9937, 64.2634, 70.2037)
contains.

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Color

**XYZ(70.0819, 64.4098,
70.3666)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C5D3
RGB	247, 197, 211
RGB Percent	97%, 77%, 83%
CMY	0.0314, 0.2274, 0.1725
CMYK	0.00, 0.20, 0.15, 0.03
HSL	343°, 76%, 87%
HSV	343°, 20%, 97%
XYZ	70.0819, 64.4098, 70.3666
YIQ	213.5460, 25.3060, 14.9540

Conversions

Conversions Part 2

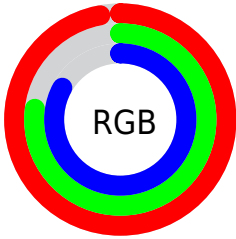
Format	Color
R _Y B	247, 197, 211
Decimal	16238035
CIE Lab	84.18, 19.90, -0.19
CIE LCh	84, 19.906, 359.445
Yxy	64.4098, 0.3421, 0.3144
Android (android.graphics.Color)	4294428115 (0xFFF7C5D3)
YUV	213.5460, -1.2552, 29.3392
Hunter-Lab	80.2557, 15.4245, 4.1947

Details

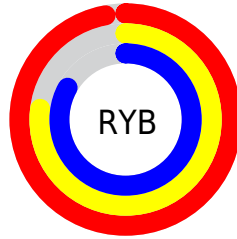
The XYZ color **70.0819, 64.4098, 70.3666** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.9973, 84.2767, 89.6200**, and the grayscale version is **63.6093, 66.9219, 72.8780**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **37.1435, 33.0264, 36.3153** is the 20% darker color. If you saturate the color by 10%, you get **62.8186, 53.2558, 57.5468**, and if you desaturate by 10%, it is **78.5145, 77.5061, 84.7949**.

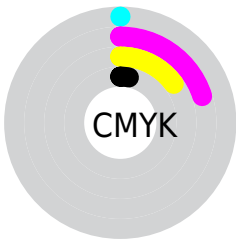
Distribution



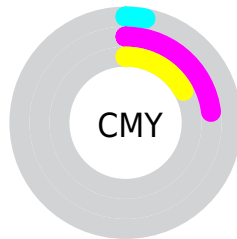
- Red (97%)
- Green (77%)
- Blue (83%)



- Red (97%)
- Yellow (77%)
- Blue (83%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.0819, 64.4098, 70.3666 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 70.0819, 64.4098, 70.3666 by changing the saturation by 10% instead.


 70.0819, 64.4098,
70.3666

 70.0819, 64.4098,
70.3666


450.0994,
440.6680, 480.6600

 51.8731, 46.9827,
51.3468


118.3512,
111.2009, 121.4174

 37.1278, 33.0220,
36.1060


149.1424,
141.3337, 154.2855

 25.4806, 22.1433,
24.2258

184.8585,
176.4704, 192.6068

 16.5661, 13.9622,
15.2874

225.8648,
216.9956, 236.7998

 10.0190, 8.0944,
8.8725

272.5267,
263.2935, 287.2831

 5.4739, 4.1554,
4.5624

325.2096,

 2.5655, 1.7609,

315.7486, 344.4752

1.9387

384.2787,
374.7453, 408.7947

■ 0.9284, 0.4626,
0.5172

■ 0.0000, 0.0000,
0.0000

■ 70.0819, 64.4098,
70.3666

■ 70.0819, 64.4098,
70.3666

■ 62.8186, 53.2558,
57.5468

■ 78.5145, 77.5061,
84.7949

■ 56.6664, 43.9427,
46.2744

■ 88.1601, 92.6222,
100.8816

■ 51.5703, 36.3732,
36.4902

■ 92.1681, 98.5143,
108.7651

■ 47.4682, 30.4375,
28.1295

■ 44.2914, 26.0131,
21.1227

■ 41.9616, 22.9600,
15.3935

■ 40.3869, 21.1119,
10.8569

■ 39.4368, 20.2058,
7.4753

Harmonies

Analogous

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



68.8036, 64.4098, 83.1942



70.0819, 64.4098, 70.3666



68.8924, 64.4098, 58.8743

Triad

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



70.0819, 64.4098, 70.3666



57.1512, 64.4098, 51.0643



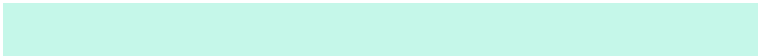
57.0156, 64.4098, 93.1524

Complementary

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



70.0819, 64.4098, 70.3666



70.9973, 84.2767, 89.6200

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.



54.1387, 64.4098, 82.7389



70.0819, 64.4098, 70.3666



54.2144, 64.4098, 58.5128

Square

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



70.0819, 64.4098, 70.3666



61.3017, 64.4098, 48.5720



53.1378, 64.4098, 69.8966



61.1376, 64.4098, 97.2790

Rectangle

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



70.0819, 64.4098, 70.3666



66.8910, 64.4098, 53.2748



53.1378, 64.4098, 69.8966



55.8782, 64.4098, 90.2141

Sweetspot

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



70.0837, 64.4127, 70.3679



88.6384, 89.9343, 98.2617



70.3069, 63.9466, 96.6338



18.8291, 19.0255, 20.7927



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.



70.0837, 64.4127, 70.3679



72.2367, 64.4543, 70.2170



70.9532, 68.8387, 62.3744



16.6898, 16.5588, 18.1130



20.9085, 10.7068, 4.2265



1.8796, 0.9578, 0.5926

Inverse Universe

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



70.0837, 64.4127, 70.3679



72.2367, 64.4543, 70.2170



69.8602, 78.6746, 99.5001



16.6898, 16.5588, 18.1130



20.9085, 10.7068, 4.2265



1.8796, 0.9578, 0.5926

Previews

White Background



This preview shows how the XYZ color 70.0819, 64.4098, 70.3666 looks on a white background.

Color Contrast Check

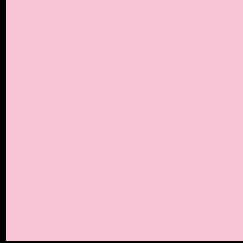
Large Text (above 18pt) WCAG AA × Fail

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 70.0819, 64.4098, 70.3666 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 70.0819, 64.4098, 70.3666

Background



This preview shows how black text looks on a background with the XYZ color 70.0819, 64.4098, 70.3666.



This preview shows how white text looks on a background with the XYZ color 70.0819, 64.4098,

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

70.0819, 64.4098, 70.3666

Protanopia

62.6067, 64.6599, 75.5106

Deuteranopia

66.1807, 64.8278, 69.9977



Tritanopia

70.2077, 64.4601, 71.0291

Trichromacy



Original Color

70.0819, 64.4098, 70.3666

Protanomaly

65.1484, 64.5765, 73.3208

Deuteranomaly

67.4446, 64.4310, 69.8545

Tritanomaly

70.2077, 64.4601, 71.0291

Monochromacy



Original Color

70.0819, 64.4098, 70.3666

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.9301, 66.0846, 72.2315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0819, 64.4098, 70.3666 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, 197, 211)` looks like.

```
.text, #text, p{  
    color:rgb(247, 197, 211)  
}
```

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, 197, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 197, 211) }
```

Border

The CSS property to change the border of an element to XYZ 70.0819, 64.4098, 70.3666 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, 197, 211) }
```


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

```
.border{ border-color:rgb(247, 197, 211) }
```

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

Here you see how a box with a 4 pixel rgb(247, 197, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 197, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 197, 211);  
box-shadow:4px 4px 4px 4px rgb(247, 197,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0819, 64.4098, 70.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 197, 211) }
```

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

```
.background{ background-color: rgb(247,  
197, 211) }
```

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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