

Converting Colors

XYZ(70.6052, 64.9780, 71.4164)

Have a look what the booklet for
XYZ(70.6052, 64.9780, 71.4164)
contains.

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Color

**XYZ(70.4355, 64.9158,
71.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C6D4
RGB	247, 198, 212
RGB Percent	97%, 78%, 83%
CMY	0.0314, 0.2235, 0.1686
CMYK	0.00, 0.20, 0.14, 0.03
HSL	343°, 75%, 87%
HSV	343°, 20%, 97%
XYZ	70.4355, 64.9158, 71.1050
YIQ	214.2470, 24.7100, 14.7420

Conversions

Conversions Part 2

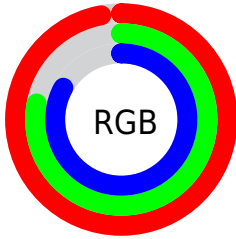
Format	Color
R_{YB}	247, 198, 212
Decimal	16238292
CIE _{Lab}	84.44, 19.54, -0.34
CIE _{LCh}	84, 19.538, 358.990
Yxy	64.9158, 0.3412, 0.3144
Android (android.graphics.Color)	4294428372 (0xFFFF7C6D4)
YUV	214.2470, -1.1078, 28.7244
Hunter-Lab	80.5703, 15.0486, 4.0746

Details

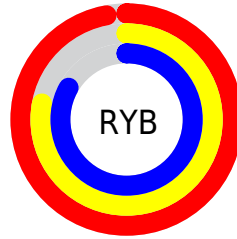
The XYZ color **70.4355, 64.9158, 71.1050** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.2600, 84.4121, 89.6322**, and the grayscale version is **64.0799, 67.4171, 73.4172**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2943, 33.3280, 36.3656** is the 20% darker color. If you saturate the color by 10%, you get **63.1381, 53.6900, 58.2848**, and if you desaturate by 10%, it is **78.9005, 78.0860, 85.5160**.

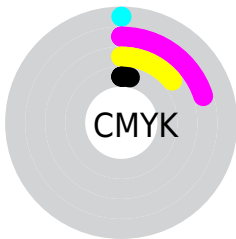
Distribution



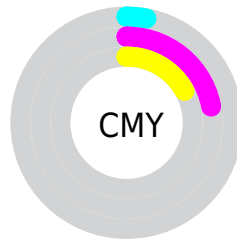
- Red (97%)
- Green (78%)
- Blue (83%)



- Red (97%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (3%)




- Cyan (3%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.4355, 64.9158, 71.1050 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 70.4355, 64.9158, 71.1050 by changing the saturation by 10% instead.


 70.4355, 64.9158,
71.1050

 70.4355, 64.9158,
71.1050


451.3202,
442.4893, 483.3140

 52.1625, 47.3928,
51.9455


118.8525,
111.9288, 122.4791

 37.3594, 33.3463,
36.5797


149.7272,
142.1876, 155.5308

 25.6609, 22.3919,
24.5890


185.5332,
177.4604, 194.0503

 16.7014, 14.1451,
15.5549

226.6359,
218.1317, 238.4561

 10.1158, 8.2217,
9.0588

273.4006,
264.5859, 289.1669

 5.5387, 4.2371,
4.6822


326.1926,


 2.6046, 1.8071,

317.2073, 346.6011


2.0066


385.3774,
376.3803, 411.1773

 0.9483, 0.4916,
0.5593


 0.0000, 0.0000,
0.0000


 70.4355, 64.9158,
71.1050


 70.4355, 64.9158,
71.1050


 63.1381, 53.6900,
58.2848

 78.9005, 78.0860,
85.5160

 56.9504, 44.3075,
46.9954

 88.5765, 93.2778,
101.5667

 51.8178, 36.6715,
37.1790

 92.1681, 98.5143,
108.7651

 47.6787, 30.6727,
28.7723

■ 44.4648, 26.1893,
21.7070

■ 42.0989, 23.0823,
15.9088

■ 40.4898, 21.1868,
11.2947

■ 39.4948, 20.2360,
7.7596

■ 39.4812, 20.2235,
7.7094

Harmonies

Analogous

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



69.1408, 64.9158, 83.7383



70.4355, 64.9158, 71.1050



69.2998, 64.9158, 59.7098

Triad

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



70.4355, 64.9158, 71.1050



57.7398, 64.9158, 51.7527



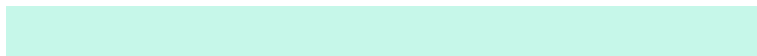
57.4960, 64.9158, 93.2340

Complementary

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



70.4355, 64.9158, 71.1050



71.2600, 84.4121, 89.6322

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.



54.6781, 64.9158, 82.9228



70.4355, 64.9158, 71.1050



54.8141, 64.9158, 59.0591

Square

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



70.4355, 64.9158, 71.1050



61.8479, 64.9158, 49.3586



53.7193, 64.9158, 70.2612



61.5533, 64.9158, 97.4029

Rectangle

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



70.4355, 64.9158, 71.1050



67.3461, 64.9158, 54.1225



53.7193, 64.9158, 70.2612



56.3796, 64.9158, 90.3160

Sweetspot

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



70.4373, 64.9187, 71.1064



88.6517, 89.9396, 98.3317



70.3610, 64.3128, 96.7015



18.8322, 19.0268, 20.8092



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.



70.4373, 64.9187, 71.1064



72.2805, 64.4719, 70.4481



71.0601, 68.8685, 62.9774



16.6937, 16.5603, 18.1338



20.9328, 10.7165, 4.3544



1.8822, 0.9589, 0.6061

Inverse Universe

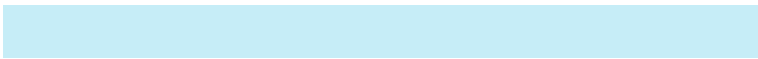
The Inverse Universe completely reimagines the original color for something new.



70.4373, 64.9187, 71.1064



72.2805, 64.4719, 70.4481



70.4216, 79.4073, 99.6119



16.6937, 16.5603, 18.1338



20.9328, 10.7165, 4.3544



1.8822, 0.9589, 0.6061

Previews

White Background



This preview shows how the XYZ color 70.4355, 64.9158, 71.1050 looks on a white background.

Color Contrast Check

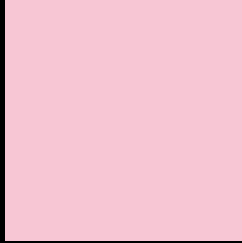
Large Text (above 18pt) WCAG AA × Fail

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 70.4355, 64.9158, 71.1050 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 70.4355, 64.9158, 71.1050

Background



This preview shows how black text looks on a background with the XYZ color 70.4355, 64.9158, 71.1050.



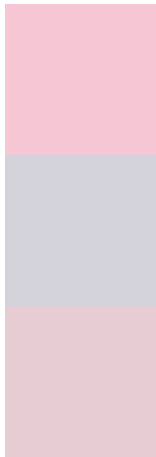
This preview shows how white text looks on a background with the XYZ color 70.4355, 64.9158,

71.1050.

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

70.4355, 64.9158, 71.1050

Protanopia

62.9842, 65.2047, 76.2840

Deuteranopia

66.3057, 64.8778, 70.6560



Tritanopia

70.5621, 64.9664, 71.7715

Trichromacy



Original Color

70.4355, 64.9158, 71.1050

Protanomaly

65.5173, 65.1080, 74.0797

Deuteranomaly

67.8035, 64.9487, 70.5907

Tritanomaly

70.5621, 64.9664, 71.7715

Monochromacy



Original Color

70.4355, 64.9158, 71.1050

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 70.4355, 64.9158, 71.1050 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(247, 198, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 198, 212) }
```

Border

The CSS property to change the border of an element to XYZ 70.4355, 64.9158, 71.1050 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, 212) }
```


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

```
.border{ border-color:rgb(247, 198, 212) }
```

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, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 198, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 198, 212);  
box-shadow:4px 4px 4px 4px rgb(247, 198,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4355, 64.9158, 71.1050 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, 212) }
```

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

```
.background{ background-color: rgb(247,  
198, 212) }
```

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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