

Converting Colors

XYZ(74.9002, 70.2504, 69.6589)

Have a look what the booklet for
XYZ(74.9002, 70.2504, 69.6589)
contains.

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Color

**XYZ(75.0614, 70.4891,
69.9712)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFD1
RGB	255, 207, 209
RGB Percent	100%, 81%, 82%
CMY	0.0000, 0.1882, 0.1804
CMYK	0.00, 0.19, 0.18, 0.00
HSL	358°, 100%, 91%
HSV	358°, 19%, 100%
XYZ	75.0614, 70.4891, 69.9712
YIQ	221.5800, 27.9660, 10.7980

Conversions

Conversions Part 2

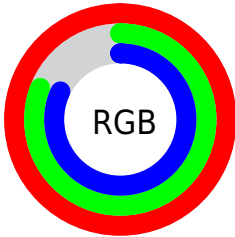
Format	Color
R _Y B	255, 207, 209
Decimal	16764881
CIE Lab	87.24, 17.18, 5.40
CIE LCh	87, 18.010, 17.458
Yxy	70.4891, 0.3483, 0.3271
Android (android.graphics.Color)	4294954961 (0xFFFFCFD1)
YUV	221.5800, -6.2019, 29.3093
Hunter-Lab	83.9578, 12.6595, 9.3576

Details

The XYZ color **75.0614, 70.4891, 69.9712** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.2243, 91.8784, 106.4912**, and the grayscale version is **69.1650, 72.7670, 79.2433**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5963, 37.1548, 36.0423** is the 20% darker color. If you saturate the color by 10%, you get **66.5777, 57.9983, 53.3424**, and if you desaturate by 10%, it is **85.0105, 85.1671, 89.3801**.

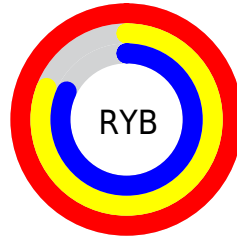
Distribution



Red (100%)

Green (81%)

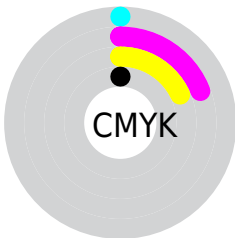
Blue (82%)



Red (100%)

Yellow (81%)

Blue (82%)

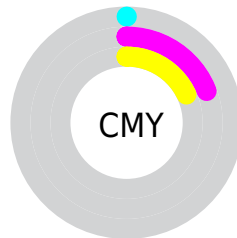


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.0614, 70.4891, 69.9712 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 75.0614, 70.4891, 69.9712 by changing the saturation by 10% instead.


 75.0614, 70.4891,
69.9712

 75.0614, 70.4891,
69.9712


467.1225,
462.2655, 479.2353

 55.9575, 51.9254,
51.0264


125.3867,
119.9060, 120.8484

 40.4058, 36.9456,
35.8527


157.3389,
151.5279, 153.6179

 28.0407, 25.1654,
24.0317


194.3045,
188.2714, 191.8327

 18.4969, 16.2003,
15.1447

236.6490,
230.5208, 235.9114

 11.4092, 9.6660,
8.7733

284.7377,
278.6605, 286.2724

 6.4121, 5.1781,
4.4988

338.9360,

 3.1403, 2.3521,

333.0749, 343.3344

1.9028

399.6091,
394.1484, 407.5158

■ 1.2284, 0.8011,
0.4945

■ 0.1286, 0.0000,
0.0000

■ 75.0614, 70.4891,
69.9712

■ 75.0614, 70.4891,
69.9712

■ 66.5777, 57.9983,
53.3424

■ 85.0105, 85.1671,
89.3801

■ 59.4853, 47.5814,
39.3624

95.0500, 100.0000,
108.9000

■ 53.7115, 39.1288,
27.8959

■ 49.1748, 32.5175,
18.7936

■ 45.7849, 27.6102,
11.8906

■ 43.4389, 24.2507,
7.0011

■ 42.0160, 22.2542,
3.9081

■ 41.3484, 21.3556,
2.3400

■ 41.2981, 21.2832,
2.2361

Harmonies

Analogous

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



75.2564, 70.4891, 81.9218



75.0614, 70.4891, 69.9712



72.6499, 70.4891, 60.8332

Triad

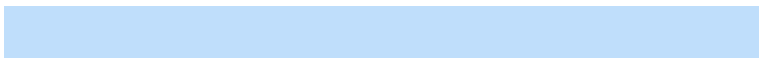
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0614, 70.4891, 69.9712



61.1811, 70.4891, 62.0515



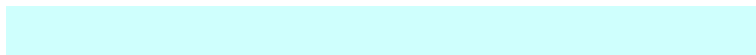
65.2467, 70.4891, 101.8125

Complementary

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



75.0614, 70.4891, 69.9712



79.2243, 91.8784, 106.4912

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.



61.6467, 70.4891, 95.2274



75.0614, 70.4891, 69.9712



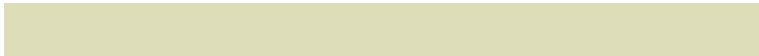
59.3666, 70.4891, 71.8018

Square

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



75.0614, 70.4891, 69.9712



64.5868, 70.4891, 56.6023



59.5334, 70.4891, 83.9544



69.4680, 70.4891, 101.1893

Rectangle

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



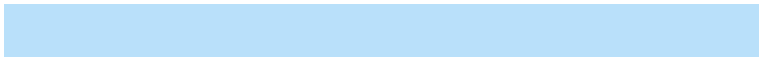
75.0614, 70.4891, 69.9712



70.1650, 70.4891, 57.1812



59.5334, 70.4891, 83.9544



63.9273, 70.4891, 100.3419

Sweetspot

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



75.0631, 70.4922, 69.9727



88.0900, 89.7149, 95.3739



80.7270, 72.6564, 104.3771



18.6999, 18.9738, 20.1125



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

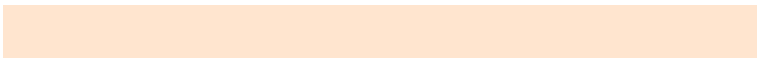
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0631, 70.4922, 69.9727



71.3432, 65.0116, 62.6923



80.4130, 81.5847, 70.5447



18.0400, 17.9993, 18.8277



21.5923, 11.1262, 1.2378



2.1126, 1.0874, 0.1747

Inverse Universe

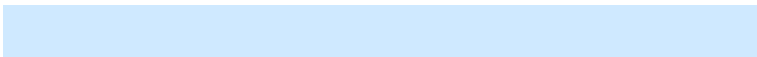
The Inverse Universe completely reimagines the original color for something new.



75.0631, 70.4922, 69.9727



71.3432, 65.0116, 62.6923



73.0370, 78.9925, 106.0054



18.0400, 17.9993, 18.8277



21.5923, 11.1262, 1.2378



2.1126, 1.0874, 0.1747

Previews

White Background



This preview shows how the XYZ color 75.0614, 70.4891, 69.9712 looks on a white background.

Color Contrast Check

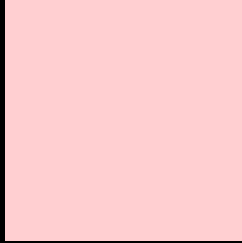
Large Text (above 18pt) WCAG AA × Fail

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 75.0614, 70.4891, 69.9712 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 75.0614, 70.4891, 69.9712

Background



This preview shows how black text looks on a background with the XYZ color 75.0614, 70.4891, 69.9712.



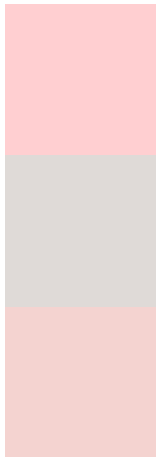
This preview shows how white text looks on a background with the XYZ color 75.0614, 70.4891,

69.9712.

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

75.0614, 70.4891, 69.9712

Protanopia

67.7686, 70.7371, 74.3718

Deuteranopia

71.9877, 70.3757, 69.4642



Tritanopia

76.3625, 70.6231, 78.0135

Trichromacy



Original Color

75.0614, 70.4891, 69.9712

Protanomaly

70.3178, 70.5594, 72.8640

Deuteranomaly

73.1432, 70.6037, 69.4473

Tritanomaly

75.8357, 70.4124, 75.2396

Monochromacy



Original Color

75.0614, 70.4891, 69.9712

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.2689, 72.1279, 75.8114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0614, 70.4891, 69.9712 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(255, 207, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 209)  
}
```

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(255, 207, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 209) }
```

Border

The CSS property to change the border of an element to XYZ 75.0614, 70.4891, 69.9712 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(255, 207, 209) }
```


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

```
.border{ border-color:rgb(255, 207, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0614, 70.4891, 69.9712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 209) }
```

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

```
.background{ background-color: rgb(255,  
207, 209) }
```

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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