

Converting Colors

XYZ(109.9548, 88.4460,
67.0768)

Have a look what the booklet for
XYZ(109.9548, 88.4460, 67.0768)
contains.

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Color

**XYZ(74.2135, 70.1499,
65.5059)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFCA
RGB	255, 207, 202
RGB Percent	100%, 81%, 79%
CMY	0.0000, 0.1882, 0.2078
CMYK	0.00, 0.19, 0.21, 0.00
HSL	6°, 100%, 90%
HSV	6°, 21%, 100%
XYZ	74.2135, 70.1499, 65.5059
YIQ	220.7820, 30.2130, 8.6210

Conversions

Conversions Part 2

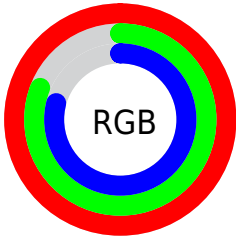
Format	Color
R_{YB}	255, 208, 202
Decimal	16764874
CIE _{Lab}	87.07, 16.15, 8.87
CIE _{LCh}	87, 18.424, 28.778
Yxy	70.1499, 0.3536, 0.3343
Android (android.graphics.Color)	4294954954 (0xFFFFCFCA)
YUV	220.7820, -9.2595, 30.0092
Hunter-Lab	83.7555, 11.5918, 12.2577

Details

The XYZ color **74.2135, 70.1499, 65.5059** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5917, 88.1451, 107.5846**, and the grayscale version is **68.6238, 72.1976, 78.6232**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0252, 36.9264, 33.0349** is the 20% darker color. If you saturate the color by 10%, you get **66.2489, 58.6598, 49.1657**, and if you desaturate by 10%, it is **83.4986, 83.4821, 84.7493**.

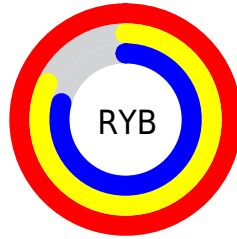
Distribution



Red (100%)

Green (81%)

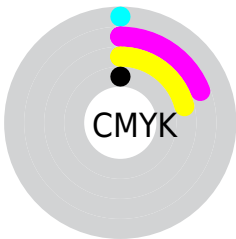
Blue (79%)



Red (100%)

Yellow (82%)

Blue (79%)

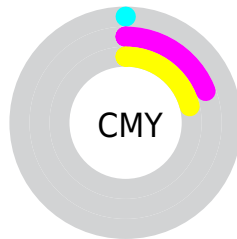


Cyan (0%)

Magenta (19%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2135, 70.1499, 65.5059 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 74.2135, 70.1499, 65.5059 by changing the saturation by 10% instead.


 74.2135, 70.1499,
65.5059

 74.2135, 70.1499,
65.5059


464.2488,
461.0762, 462.9636

 55.2607, 51.6488,
47.4175


124.1923,
119.4225, 114.3971

 39.8452, 36.7252,
33.0091


155.9490,
150.9627, 146.0370

 27.6015, 24.9948,
21.8622


192.7044,
187.6181, 183.0310

 18.1644, 16.0732,
13.5584

234.8238,
229.7731, 225.7979

 11.1685, 9.5759,
7.6789

282.6726,
277.8119, 274.7560

 6.2484, 5.1187,
3.8054

336.6161,

 3.0388, 2.3171,

332.1191, 330.3240

1.5192

397.0197,
393.0791, 392.9203

■ 1.1743, 0.7827,
0.2322

■ 0.0859, 0.0000,
0.0000

■ 74.2135, 70.1499,
65.5059

■ 74.2135, 70.1499,
65.5059

■ 66.2489, 58.6598,
49.1657

■ 83.4986, 83.4821,
84.7493

■ 59.5398, 48.9220,
35.5836

■ 94.1552, 98.7227,
107.0226

■ 54.0236, 40.8531,
24.6085

■ 95.0500, 100.0000,
108.9000

■ 49.6299, 34.3592,
16.0732

■ 46.2809, 29.3371,
9.7908

■ 43.8891, 25.6711,
5.5477

■ 42.3520, 23.2284,
3.0885

■ 41.5683, 21.9166,
2.0394

Harmonies

Analogous

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



75.3172, 70.1499, 76.8892



74.2135, 70.1499, 65.5059



71.0683, 70.1499, 57.8135

Triad

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



74.2135, 70.1499, 65.5059



59.8303, 70.1499, 64.7167



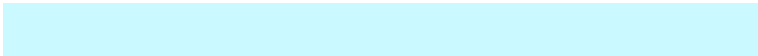
66.4986, 70.1499, 102.6795

Complementary

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



74.2135, 70.1499, 65.5059



76.5917, 88.1451, 107.5846

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.



62.4673, 70.1499, 98.5515



74.2135, 70.1499, 65.5059



58.7212, 70.1499, 75.8756

Square

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



74.2135, 70.1499, 65.5059



62.7612, 70.1499, 57.3936



59.6658, 70.1499, 88.3984



70.7490, 70.1499, 99.1534

Rectangle

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



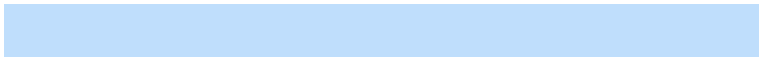
74.2135, 70.1499, 65.5059



68.3028, 70.1499, 55.3683



59.6658, 70.1499, 88.3984



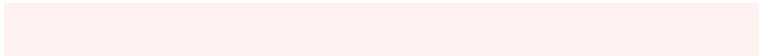
65.0740, 70.1499, 102.1338

Sweetspot

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



74.2152, 70.1530, 65.5073



88.4218, 90.5298, 95.0183



79.7079, 70.4405, 100.3182



18.7780, 19.1656, 20.0289



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.



74.2152, 70.1530, 65.5073



70.6991, 65.0878, 58.2715



81.0163, 83.7553, 67.7744



18.1473, 18.2627, 18.7129



21.7661, 11.5434, 1.0809



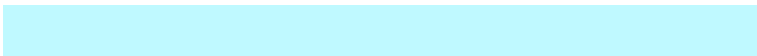
2.1635, 1.2123, 0.1200

Inverse Universe

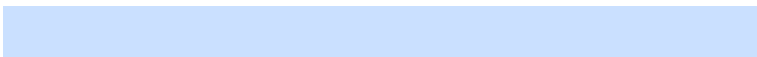
The Inverse Universe completely reimagines the original color for something new.



76.5917, 88.1451, 107.5846



73.4683, 86.0678, 107.3483



69.0858, 73.1333, 105.0827



18.3996, 20.1708, 23.1735



24.4116, 33.7327, 54.6590



2.4178, 3.3663, 5.3356

Previews

White Background



This preview shows how the XYZ color 74.2135, 70.1499, 65.5059 looks on a white background.

Color Contrast Check

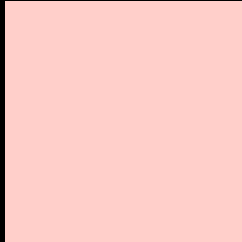
Large Text (above 18pt) WCAG AA × Fail

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 74.2135, 70.1499, 65.5059 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 74.2135, 70.1499, 65.5059

Background



This preview shows how black text looks on a background with the XYZ color 74.2135, 70.1499, 65.5059.

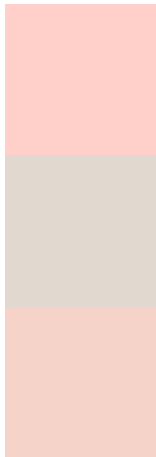


This preview shows how white text looks on a background with the XYZ color 74.2135, 70.1499,

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

74.2135, 70.1499, 65.5059

Protanopia

67.2494, 70.1873, 69.6776

Deuteranopia

71.8429, 70.3984, 65.0601



Tritanopia

75.9896, 70.0900, 77.2338

Trichromacy



Original Color

74.2135, 70.1499, 65.5059

Protanomaly

69.5269, 69.8776, 68.2158

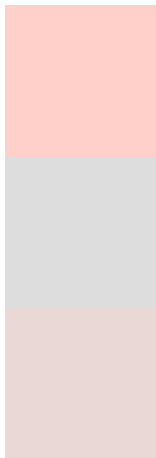
Deuteranomaly

72.6561, 70.4500, 65.0272

Tritanomaly

75.3215, 70.2067, 72.5322

Monochromacy



Original Color

74.2135, 70.1499, 65.5059

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.2977, 71.2904, 73.6737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2135, 70.1499, 65.5059 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 202) }
```

Border

The CSS property to change the border of an element to XYZ 74.2135, 70.1499, 65.5059 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, 202) }
```


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

```
.border{ border-color:rgb(255, 207, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2135, 70.1499, 65.5059 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
207, 202) }
```

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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