

Converting Colors

XYZ(123.3114, 92.4398,
67.3823)

Have a look what the booklet for
XYZ(123.3114, 92.4398, 67.3823)
contains.

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Color

**XYZ(72.0948, 65.9124,
64.7997)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6CA
RGB	255, 198, 202
RGB Percent	100%, 78%, 79%
CMY	0.0000, 0.2235, 0.2078
CMYK	0.00, 0.22, 0.21, 0.00
HSL	356°, 100%, 89%
HSV	356°, 22%, 100%
XYZ	72.0948, 65.9124, 64.7997
YIQ	215.4990, 32.6880, 13.3280

Conversions

Conversions Part 2

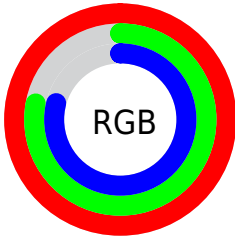
Format	Color
R _Y B	255, 198, 202
Decimal	16762570
CIE Lab	84.95, 20.86, 5.83
CIE LCh	85, 21.655, 15.606
Yxy	65.9124, 0.3555, 0.3250
Android (android.graphics.Color)	4294952650 (0xFFFFC6CA)
YUV	215.4990, -6.6550, 34.6424
Hunter-Lab	81.1865, 16.4344, 9.5077

Details

The XYZ color **72.0948, 65.9124, 64.7997** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.4636, 90.4919, 104.7072**, and the grayscale version is **64.9591, 68.3421, 74.4245**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3445, 33.9550, 32.5500** is the 20% darker color. If you saturate the color by 10%, you get **64.1540, 54.1840, 49.3491**, and if you desaturate by 10%, it is **81.4513, 79.7815, 82.8522**.

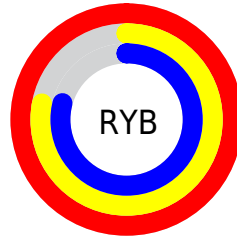
Distribution



Red (100%)

Green (78%)

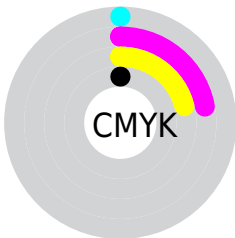
Blue (79%)



Red (100%)

Yellow (78%)

Blue (79%)

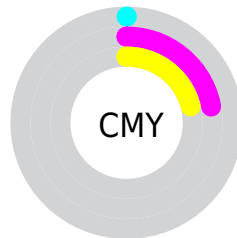


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.0948, 65.9124, 64.7997 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 72.0948, 65.9124, 64.7997 by changing the saturation by 10% instead.


 72.0948, 65.9124,
64.7997

 72.0948, 65.9124,
64.7997

457.0240,
446.0635, 460.3583

 53.5219, 48.2013,
46.8484


121.2014,
113.3606, 113.3724

 38.4487, 33.9863,
32.5623


152.4657,
143.8665, 144.8308

 26.5099, 22.8831,
21.5230


188.6912,
179.4061, 181.6286

 17.3402, 14.5072,
13.3119

230.2433,
220.3638, 224.1844

 10.5741, 8.4743,
7.5104

277.4873,
267.1240, 272.9168

 5.8464, 4.3999,
3.7001


330.7885,

 2.7917, 1.8997,


320.0711, 328.2442


1.4623


390.5123,
379.5895, 390.5852


 1.0446, 0.5482,
0.1896

 0.0000, 0.0000,
0.0000


 72.0948, 65.9124,
64.7997


 72.0948, 65.9124,
64.7997

 64.1540, 54.1840,
49.3491


 81.4513, 79.7815,
82.8522

 57.5556, 44.4817,
36.3766

 92.2830, 95.8813,
103.6146

 52.2266, 36.6931,
25.7544

95.0500, 100.0000,
108.9000

 48.0853, 30.6916,
17.3415

■ 45.0403, 26.3352,
10.9822

■ 42.9870, 23.4606,
6.4999

■ 41.8002, 21.8705,
3.6886

■ 41.3482, 21.3033,
2.4996

Harmonies

Analogous

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



72.1510, 65.9124, 78.6344



72.0948, 65.9124, 64.7997



69.4216, 65.9124, 54.2782

Triad

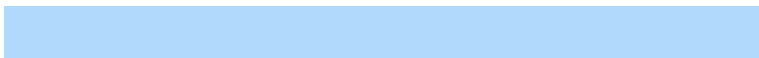
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.0948, 65.9124, 64.7997



56.1993, 65.9124, 54.6114



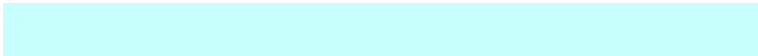
60.3513, 65.9124, 100.9656

Complementary

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



72.0948, 65.9124, 64.7997



76.4636, 90.4919, 104.7072

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.



56.3296, 65.9124, 92.6598



72.0948, 65.9124, 64.7997



54.0179, 65.9124, 65.3123

Square

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



72.0948, 65.9124, 64.7997



60.1651, 65.9124, 48.9361



54.0643, 65.9124, 79.2175



65.1978, 65.9124, 100.7816

Rectangle

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



72.0948, 65.9124, 64.7997



66.5906, 65.9124, 50.0317



54.0643, 65.9124, 79.2175



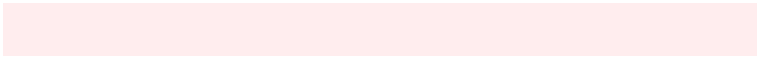
58.8637, 65.9124, 99.0314

Sweetspot

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



72.0963, 65.9153, 64.8010



87.0593, 88.1119, 93.6172



77.7596, 67.9812, 103.6311



18.4943, 18.6515, 19.7696



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

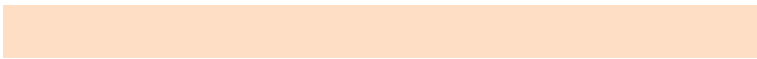
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0963, 65.9153, 64.8010



68.2319, 60.2016, 57.3005



77.4896, 77.4492, 64.2948



18.0610, 18.0077, 18.9385



21.6241, 11.1389, 1.4050



2.1226, 1.0914, 0.2271

Inverse Universe

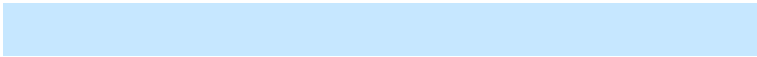
The Inverse Universe completely reimagines the original color for something new.



72.0963, 65.9153, 64.8010



68.2319, 60.2016, 57.3005



69.9869, 76.5199, 105.6888



18.0610, 18.0077, 18.9385



21.6241, 11.1389, 1.4050



2.1226, 1.0914, 0.2271

Previews

White Background



This preview shows how the XYZ color 72.0948, 65.9124, 64.7997 looks on a white background.

Color Contrast Check

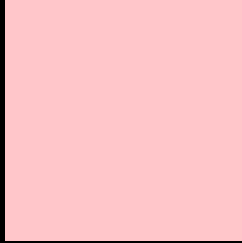
Large Text (above 18pt) WCAG AA × Fail

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 72.0948, 65.9124, 64.7997 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 72.0948, 65.9124, 64.7997

Background



This preview shows how black text looks on a background with the XYZ color 72.0948, 65.9124, 64.7997.



This preview shows how white text looks on a background with the XYZ color 72.0948, 65.9124,

64.7997.

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

72.0948, 65.9124, 64.7997

Protanopia

63.5424, 65.9934, 70.3617

Deuteranopia

67.2990, 65.8842, 64.4282



Tritanopia

73.0899, 65.9460, 71.1639

Trichromacy



Original Color

72.0948, 65.9124, 64.7997

Protanomaly

66.2888, 65.6365, 68.2068

Deuteranomaly

68.9714, 65.6912, 64.3028

Tritanomaly

72.5914, 65.7466, 68.5389

Monochromacy



Original Color

72.0948, 65.9124, 64.7997

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.1915, 67.1271, 71.0435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0948, 65.9124, 64.7997 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, 198, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 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, 198, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 202) }
```

Border

The CSS property to change the border of an element to XYZ 72.0948, 65.9124, 64.7997 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, 198, 202) }
```


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

```
.border{ border-color:rgb(255, 198, 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, 198, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0948, 65.9124, 64.7997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 202) }
```

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

```
.background{ background-color: rgb(255,  
198, 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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