

Converting Colors

XYZ(71.6963, 64.3115, 67.1457)

Have a look what the booklet for
XYZ(71.6963, 64.3115, 67.1457)
contains.

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Color

**XYZ(71.6724, 64.2998,
67.0261)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2CE
RGB	255, 194, 206
RGB Percent	100%, 76%, 81%
CMY	0.0000, 0.2392, 0.1922
CMYK	0.00, 0.24, 0.19, 0.00
HSL	348°, 100%, 88%
HSV	348°, 24%, 100%
XYZ	71.6724, 64.2998, 67.0261
YIQ	213.6070, 32.5040, 16.6640

Conversions

Conversions Part 2

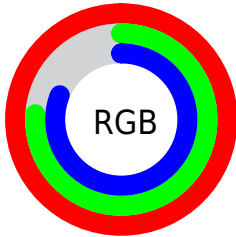
Format	Color
R_{YB}	255, 194, 206
Decimal	16761550
CIE _{Lab}	84.12, 23.54, 2.49
CIE _{LCh}	84, 23.674, 6.036
Yxy	64.2998, 0.3531, 0.3168
Android (android.graphics.Color)	4294951630 (0xFFFFC2CE)
YUV	213.6070, -3.7503, 36.3017
Hunter-Lab	80.1872, 19.2183, 6.5722

Details

The XYZ color **71.6724, 64.2998, 67.0261** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1881, 89.4615, 98.1554**, and the grayscale version is **63.6629, 66.9783, 72.9394**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **38.0715, 32.8935, 34.0483** is the 20% darker color. If you saturate the color by 10%, you get **64.1478, 52.9771, 53.0299**, and if you desaturate by 10%, it is **80.4981, 77.7053, 83.0579**.

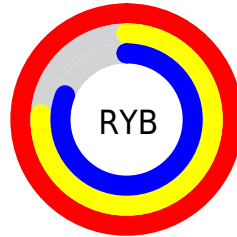
Distribution



Red (100%)

Green (76%)

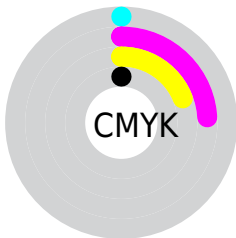
Blue (81%)



Red (100%)

Yellow (76%)

Blue (81%)

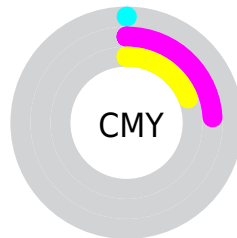


Cyan (0%)

Magenta (24%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6724, 64.2998, 67.0261 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 71.6724, 64.2998, 67.0261 by changing the saturation by 10% instead.


 71.6724, 64.2998,
67.0261

 71.6724, 64.2998,
67.0261


455.5759,
440.2715, 468.5417

 53.1756, 46.8935,
48.6441


 120.6040,
111.0426, 116.5988

 38.1710, 32.9515,
33.9736


151.7695,
141.1479, 148.6266

 26.2933, 22.0893,
22.5962


187.8886,
176.2550, 186.0401

 17.1770, 13.9225,
14.0931

229.3267,
216.7483, 229.2578

 10.4568, 8.0668,
8.0460

276.4491,
263.0122, 278.6983

 5.7675, 4.1377,
4.0362


329.6212,

 2.7435, 1.7509,


315.4311, 334.7801


1.6452


389.2084,
374.3894, 397.9217

 1.0196, 0.4563,
0.3228


 0.0000, 0.0000,
0.0000


 71.6724, 64.2998,
67.0261


 71.6724, 64.2998,
67.0261

 64.1478, 52.9771,
53.0299


 80.4981, 77.7053,
83.0579

 57.8578, 43.6245,
40.9831

 90.6784, 93.2822,
101.1987

 52.7363, 36.1312,
30.7994

95.0500, 100.0000,
108.9000

 48.7096, 30.3721,
22.3841

■ 45.6951, 26.2067,
15.6341

■ 43.5980, 23.4722,
10.4347

■ 42.3043, 21.9706,
6.6561

■ 41.8189, 21.4916,
4.9787

Harmonies

Analogous

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



70.7741, 64.2998, 82.3744



71.6724, 64.2998, 67.0261



69.6142, 64.2998, 54.3966

Triad

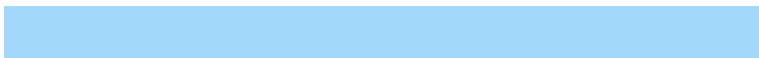
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6724, 64.2998, 67.0261



55.3871, 64.2998, 49.2067



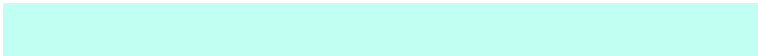
57.1204, 64.2998, 99.7692

Complementary

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



71.6724, 64.2998, 67.0261



74.1881, 89.4615, 98.1554

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.



53.3374, 64.2998, 88.3608



71.6724, 64.2998, 67.0261



52.3774, 64.2998, 58.9520

Square

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



71.6724, 64.2998, 67.0261



60.0635, 64.2998, 45.0960



51.6489, 64.2998, 73.0844



62.1788, 64.2998, 102.7402

Rectangle

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



71.6724, 64.2998, 67.0261



66.9079, 64.2998, 48.7359



51.6489, 64.2998, 73.0844



55.6666, 64.2998, 96.7218

Sweetspot

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



71.6739, 64.3026, 67.0274



87.3941, 88.2459, 95.3804



74.2367, 64.8256, 103.2076



18.5715, 18.6824, 20.1765



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.



71.6739, 64.3026, 67.0274



67.6916, 58.2951, 59.6665



74.5979, 72.3946, 61.0844



18.1554, 18.0455, 19.4353



21.8924, 11.2463, 2.8179



2.1678, 1.1095, 0.4652

Inverse Universe

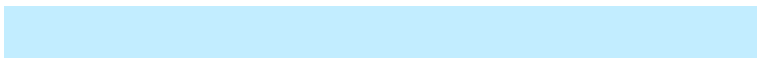
The Inverse Universe completely reimagines the original color for something new.



71.6739, 64.3026, 67.0274



67.6916, 58.2951, 59.6665



70.4976, 79.0860, 106.1572



18.1554, 18.0455, 19.4353



21.8924, 11.2463, 2.8179



2.1678, 1.1095, 0.4652

Previews

White Background



This preview shows how the XYZ color 71.6724, 64.2998, 67.0261 looks on a white background.

Color Contrast Check

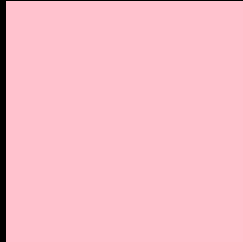
Large Text (above 18pt) WCAG AA × Fail

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 71.6724, 64.2998, 67.0261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

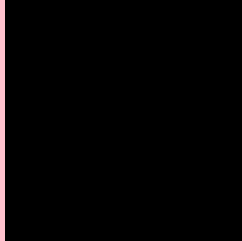
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6724, 64.2998, 67.0261

Background



This preview shows how black text looks on a background with the XYZ color 71.6724, 64.2998, 67.0261.



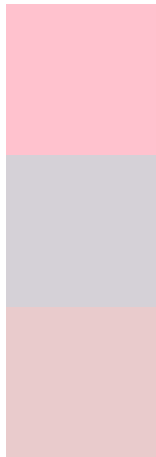
This preview shows how white text looks on a background with the XYZ color 71.6724, 64.2998,

67.0261.

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

71.6724, 64.2998, 67.0261

Protanopia

62.5068, 64.6534, 73.4749

Deuteranopia

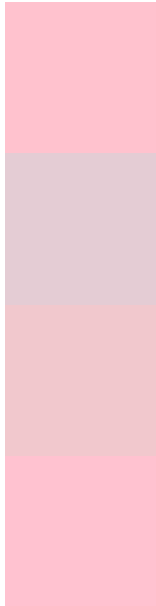
65.8593, 64.3951, 66.0851



Tritanopia

72.0404, 64.4470, 68.9642

Trichromacy



Original Color

71.6724, 64.2998, 67.0261

Protanomaly

65.4714, 64.4332, 71.2735

Deuteranomaly

67.9493, 64.4171, 66.6100

Tritanomaly

71.9170, 64.3976, 68.3141

Monochromacy



Original Color

71.6724, 64.2998, 67.0261

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.3838, 65.9868, 70.8659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6724, 64.2998, 67.0261 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, 194, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 206)  
}
```

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, 194, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 206) }
```

Border

The CSS property to change the border of an element to XYZ 71.6724, 64.2998, 67.0261 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, 194, 206) }
```


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

```
.border{ border-color:rgb(255, 194, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 194, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6724, 64.2998, 67.0261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 206) }
```

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

```
.background{ background-color: rgb(255,  
194, 206) }
```

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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