

Converting Colors

XYZ(72.1994, 67.1144, 66.2614)

Have a look what the booklet for
XYZ(72.1994, 67.1144, 66.2614)
contains.

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Color

**XYZ(71.9306, 66.8284,
66.2348)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC9CC
RGB	252, 201, 204
RGB Percent	99%, 79%, 80%
CMY	0.0118, 0.2117, 0.2000
CMYK	0.00, 0.20, 0.19, 0.01
HSL	356°, 89%, 89%
HSV	356°, 20%, 99%
XYZ	71.9306, 66.8284, 66.2348
YIQ	216.5910, 29.4330, 11.7450

Conversions

Conversions Part 2

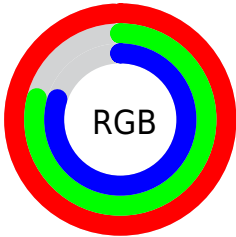
Format	Color
R _Y B	252, 201, 204
Decimal	16566732
CIE _{Lab}	85.42, 18.50, 5.40
CIE _{LCh}	85, 19.274, 16.256
Y _{xy}	66.8284, 0.3509, 0.3260
Android (android.graphics.Color)	4294756812 (0xFFFC9CC)
Y _{UV}	216.5910, -6.2074, 31.0537
Hunter-Lab	81.7486, 14.0020, 9.1858

Details

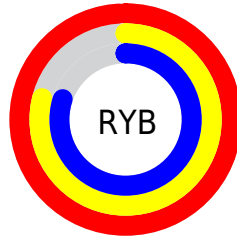
The XYZ color **71.9306, 66.8284, 66.2348** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9994, 88.8794, 102.7767**, and the grayscale version is **65.7020, 69.1236, 75.2757**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4444, 34.6715, 33.5202** is the 20% darker color. If you saturate the color by 10%, you get **63.8994, 54.9770, 50.5744**, and if you desaturate by 10%, it is **81.3625, 80.7865, 84.5012**.

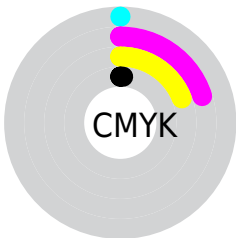
Distribution



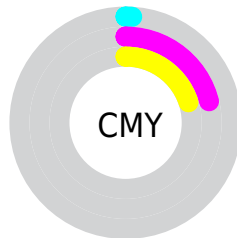
- Red (99%)
- Green (79%)
- Blue (80%)



- Red (99%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (1%)



- Cyan (1%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9306, 66.8284, 66.2348 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 71.9306, 66.8284, 66.2348 by changing the saturation by 10% instead.

71.9306, 66.8284,
66.2348

71.9306, 66.8284,
66.2348

456.4614,
449.3337, 465.6433

53.3872, 48.9452,
48.0053

120.9692,
114.6745, 115.4535

38.3407, 34.5760,
33.4711

152.1951,
145.4062, 147.2798

26.4256, 23.3364,
22.2135

188.3793,
181.1894, 184.4755

17.2767, 14.8421,
13.8141

229.8871,
222.4087, 227.4591

10.5285, 8.7087,
7.8542

277.0839,
269.4484, 276.6491

5.8157, 4.5516,
3.9154

330.3349,

2.7729, 1.9867,

322.6928, 332.4641

1.5790

390.0056,
382.5265, 395.3226

■ 1.0348, 0.5997,
0.2758

■ 0.0000, 0.0000,
0.0000

■ 71.9306, 66.8284,
66.2348

■ 71.9306, 66.8284,
66.2348

■ 63.8994, 54.9770,
50.5744

■ 81.3625, 80.7865,
84.5012

■ 57.1968, 45.1216,
37.3972

■ 92.2516, 96.9370,
105.4804

■ 51.7529, 37.1549,
26.5770

■ 93.9551, 99.4356,
108.8488

■ 47.4889, 30.9562,
17.9747

■ 44.3173, 26.3908,
11.4365

■ 42.1382, 23.3045,
6.7891

■ 40.8336, 21.5138,
3.8309

■ 40.2299, 20.7295,
2.3254

Harmonies

Analogous

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



72.0342, 66.8284, 78.6327



71.9306, 66.8284, 66.2348



69.5067, 66.8284, 56.7289

Triad

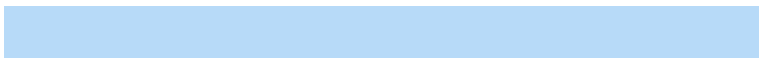
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.9306, 66.8284, 66.2348



57.6399, 66.8284, 57.3630



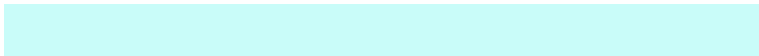
61.5430, 66.8284, 98.7300

Complementary

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



71.9306, 66.8284, 66.2348



75.9994, 88.8794, 102.7767

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.



57.8843, 66.8284, 91.5692



71.9306, 66.8284, 66.2348



55.7017, 66.8284, 67.1963

Square

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



71.9306, 66.8284, 66.2348



61.1954, 66.8284, 52.0227



55.7890, 66.8284, 79.7104



65.8994, 66.8284, 98.3959

Rectangle

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



71.9306, 66.8284, 66.2348



66.9619, 66.8284, 52.8869



55.7890, 66.8284, 79.7104



60.1950, 66.8284, 97.0873

Sweetspot

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



71.9324, 66.8314, 66.2362



88.1291, 89.7306, 95.5800



77.3837, 68.8710, 101.3108



18.7092, 18.9775, 20.1610



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.



71.9324, 66.8314, 66.2362



70.6106, 63.8039, 61.6546



77.1038, 77.7437, 66.2044



17.2859, 17.2417, 18.0955



20.9728, 10.8048, 1.2993



1.9565, 1.0063, 0.1943

Inverse Universe

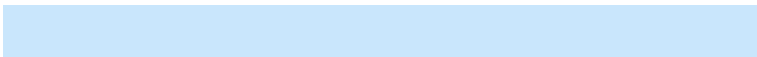
The Inverse Universe completely reimagines the original color for something new.



71.9324, 66.8314, 66.2362



70.6106, 63.8039, 61.6546



69.9297, 75.9863, 103.0771



17.2859, 17.2417, 18.0955



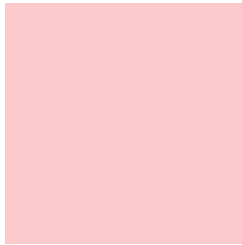
20.9728, 10.8048, 1.2993



1.9565, 1.0063, 0.1943

Previews

White Background



This preview shows how the XYZ color 71.9306, 66.8284, 66.2348 looks on a white background.

Color Contrast Check

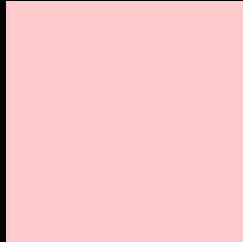
Large Text (above 18pt) WCAG AA × Fail

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 71.9306, 66.8284, 66.2348 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 71.9306, 66.8284, 66.2348

Background



This preview shows how black text looks on a background with the XYZ color 71.9306, 66.8284, 66.2348.



This preview shows how white text looks on a background with the XYZ color 71.9306, 66.8284,

66.2348.

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

71.9306, 66.8284, 66.2348

Protanopia

64.4656, 67.1971, 71.2006

Deuteranopia

68.1107, 66.6316, 65.7713



Tritanopia

73.1972, 66.6358, 73.2941

Trichromacy



Original Color

71.9306, 66.8284, 66.2348

Protanomaly

66.8188, 66.9780, 69.0808

Deuteranomaly

69.3345, 66.5522, 65.6915

Tritanomaly

72.9202, 66.8943, 70.6966

Monochromacy



Original Color

71.9306, 66.8284, 66.2348

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.8111, 68.1650, 71.8705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9306, 66.8284, 66.2348 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(252, 201, 204)` looks like.

```
.text, #text, p{  
    color:rgb(252, 201, 204)  
}
```

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(252, 201, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 201, 204) }
```

Border

The CSS property to change the border of an element to XYZ 71.9306, 66.8284, 66.2348 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(252, 201, 204) }
```


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

```
.border{ border-color:rgb(252, 201, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 201, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 201, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 201, 204);  
box-shadow:4px 4px 4px 4px rgb(252, 201,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9306, 66.8284, 66.2348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 201, 204) }
```

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

```
.background{ background-color: rgb(252,  
201, 204) }
```

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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