

Converting Colors

XYZ(82.3316, 70.2699, 72.4286)

Have a look what the booklet for XYZ(82.3316, 70.2699, 72.4286) contains.

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Color

**XYZ(72.9902, 65.5440,
71.7550)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4D5
RGB	255, 196, 213
RGB Percent	100%, 77%, 84%
CMY	0.0000, 0.2313, 0.1647
CMYK	0.00, 0.23, 0.16, 0.00
HSL	343°, 100%, 88%
HSV	343°, 23%, 100%
XYZ	72.9902, 65.5440, 71.7550
YIQ	215.5790, 29.7070, 17.7950

Conversions

Conversions Part 2

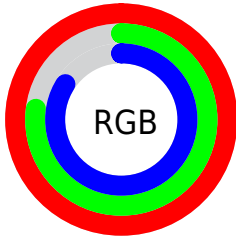
Format	Color
R_{YB}	255, 196, 213
Decimal	16762069
CIE _{Lab}	84.76, 23.55, -0.31
CIE _{LCh}	85, 23.551, 359.234
Yxy	65.5440, 0.3471, 0.3117
Android (android.graphics.Color)	4294952149 (0xFFFFC4D5)
YUV	215.5790, -1.2714, 34.5722
Hunter-Lab	80.9592, 19.2511, 4.1221

Details

The XYZ color **72.9902, 65.5440, 71.7550** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9599, 89.4299, 94.2563**, and the grayscale version is **64.9796, 68.3636, 74.4479**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **39.1333, 33.8204, 36.8132** is the 20% darker color. If you saturate the color by 10%, you get **65.5429, 54.1328, 58.5335**, and if you desaturate by 10%, it is **81.6761, 79.0189, 86.6636**.

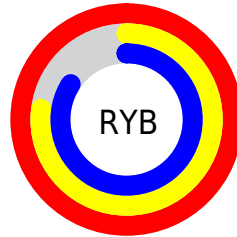
Distribution



Red (100%)

Green (77%)

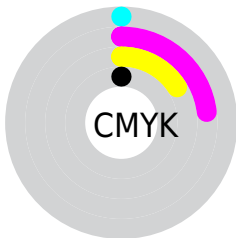
Blue (84%)



Red (100%)

Yellow (77%)

Blue (84%)

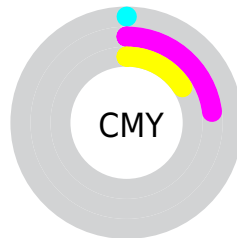


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9902, 65.5440, 71.7550 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 72.9902, 65.5440, 71.7550 by changing the saturation by 10% instead.


 72.9902, 65.5440,
71.7550

 72.9902, 65.5440,
71.7550


460.0852,
444.7443, 485.6430

 54.2563, 47.9023,
52.4730


122.4665,
112.8316, 123.4126

 39.0381, 33.7495,
36.9974


153.9396,
143.2463, 156.6253

 26.9702, 22.7013,
24.9097


190.3898,
178.6875, 195.3185

 17.6873, 14.3731,
15.7914

232.1825,
219.5396, 239.9110

 10.8241, 8.3806,
9.2239

279.6831,
266.1869, 290.8211

 6.0151, 4.3394,
4.7887

333.2568,

 2.8950, 1.8652,

319.0138, 348.4674

2.0673

393.2690,
378.4048, 413.2685

■ 1.0985, 0.5273,
0.5962

■ 0.0238, 0.0000,
0.0000

■ 72.9902, 65.5440,
71.7550

■ 72.9902, 65.5440,
71.7550

■ 65.5429, 54.1328,
58.5335

■ 81.6761, 79.0189,
86.6636

■ 59.2716, 44.6748,
46.9341

■ 91.6498, 94.6442,
103.3132

■ 54.1153, 37.0617,
36.8932

95.0500, 100.0000,
108.9000

■ 50.0054, 31.1714,
28.3414

■ 46.8651, 26.8666,
21.2034

■ 44.6067, 23.9893,
15.3968

■ 43.1250, 22.3474,
10.8286

■ 42.4579, 21.7472,
8.3436

Harmonies

Analogous

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



71.4175, 65.5440, 87.2660



72.9902, 65.5440, 71.7550



71.5660, 65.5440, 58.1096

Triad

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



72.9902, 65.5440, 71.7550



57.4782, 65.5440, 48.9174



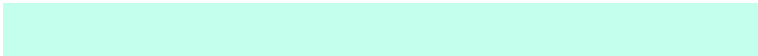
57.2561, 65.5440, 99.3228

Complementary

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



72.9902, 65.5440, 71.7550



73.9599, 89.4299, 94.2563

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.



53.8661, 65.5440, 86.4998



72.9902, 65.5440, 71.7550



53.9891, 65.5440, 57.5255

Square

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



72.9902, 65.5440, 71.7550



62.4332, 65.5440, 46.1014



52.7039, 65.5440, 70.9790



62.1622, 65.5440, 104.4986

Rectangle

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



72.9902, 65.5440, 71.7550



69.1520, 65.5440, 51.5641



52.7039, 65.5440, 70.9790



55.9118, 65.5440, 95.6823

Sweetspot

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



72.9917, 65.5468, 71.7563



87.6386, 88.3437, 96.6677



72.8173, 64.7592, 103.2696



18.6280, 18.7050, 20.4739



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.



72.9917, 65.5468, 71.7563



69.2169, 59.7428, 65.1165



73.7129, 70.2625, 61.9052



18.2245, 18.0731, 19.7996



22.2407, 11.3856, 4.6519



2.2103, 1.1265, 0.6890

Inverse Universe

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



72.9917, 65.5468, 71.7563



69.2169, 59.7428, 65.1165



72.9274, 83.1783, 106.8191



18.2245, 18.0731, 19.7996



22.2407, 11.3856, 4.6519



2.2103, 1.1265, 0.6890

Previews

White Background



This preview shows how the XYZ color 72.9902, 65.5440, 71.7550 looks on a white background.

Color Contrast Check

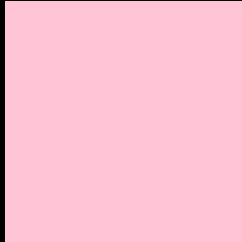
Large Text (above 18pt) WCAG AA × Fail

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 72.9902, 65.5440, 71.7550 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 72.9902, 65.5440, 71.7550

Background



This preview shows how black text looks on a background with the XYZ color 72.9902, 65.5440, 71.7550.



This preview shows how white text looks on a background with the XYZ color 72.9902, 65.5440,

71.7550.

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

72.9902, 65.5440, 71.7550

Protanopia

63.9197, 66.0086, 78.4792

Deuteranopia

66.8679, 65.5216, 70.7506



Tritanopia

72.7378, 65.4430, 70.4261

Trichromacy



Original Color

72.9902, 65.5440, 71.7550

Protanomaly

66.8524, 65.7511, 76.1856

Deuteranomaly

68.9394, 65.5198, 71.3004

Tritanomaly

72.8636, 65.4933, 71.0885

Monochromacy



Original Color

72.9902, 65.5440, 71.7550

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.6993, 67.3302, 73.7179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9902, 65.5440, 71.7550 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, 196, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 213)  
}
```

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, 196, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 213) }
```

Border

The CSS property to change the border of an element to XYZ 72.9902, 65.5440, 71.7550 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, 196, 213) }
```


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

```
.border{ border-color:rgb(255, 196, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 196, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 196, 213); box-shadow:4px 4px 4px 4px rgb(255, 196, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9902, 65.5440, 71.7550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 213) }
```

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

```
.background{ background-color: rgb(255,  
196, 213) }
```

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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