

Converting Colors

XYZ(97.9029, 78.4813, 72.3349)

Have a look what the booklet for
XYZ(97.9029, 78.4813, 72.3349)
contains.

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Color

**XYZ(72.8636, 65.4933,
71.0885)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4D4
RGB	255, 196, 212
RGB Percent	100%, 77%, 83%
CMY	0.0000, 0.2313, 0.1686
CMYK	0.00, 0.23, 0.17, 0.00
HSL	344°, 100%, 88%
HSV	344°, 23%, 100%
XYZ	72.8636, 65.4933, 71.0885
YIQ	215.4650, 30.0280, 17.4840

Conversions

Conversions Part 2

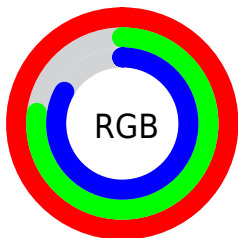
Format	Color
R_{YB}	255, 196, 212
Decimal	16762068
CIE _{Lab}	84.74, 23.40, 0.18
CIE _{LCh}	85, 23.397, 0.443
Yxy	65.4933, 0.3479, 0.3127
Android (android.graphics.Color)	4294952148 (0xFFFFC4D4)
YUV	215.4650, -1.7082, 34.6722
Hunter-Lab	80.9279, 19.0889, 4.5682

Details

The XYZ color **72.8636, 65.4933, 71.0885** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1072, 89.4888, 95.0322**, and the grayscale version is **64.9048, 68.2849, 74.3623**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **39.0475, 33.7861, 36.3616** is the 20% darker color. If you saturate the color by 10%, you get **65.3818, 54.0684, 57.6855**, and if you desaturate by 10%, it is **81.5959, 78.9868, 86.2415**.

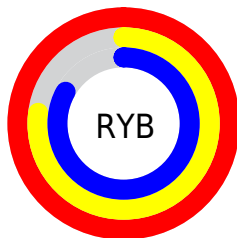
Distribution



Red (100%)

Green (77%)

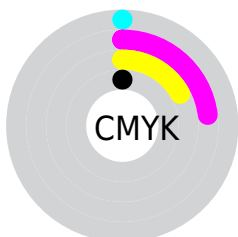
Blue (83%)



Red (100%)

Yellow (77%)

Blue (83%)

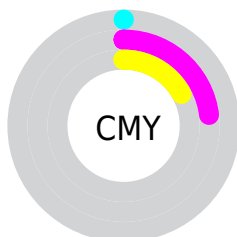


Cyan (0%)

Magenta (23%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.8636, 65.4933, 71.0885 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 72.8636, 65.4933, 71.0885 by changing the saturation by 10% instead.


 72.8636, 65.4933,
71.0885

 72.8636, 65.4933,
71.0885


459.6530,
444.5626, 483.2547

 54.1524, 47.8612,
51.9321


122.2877,
112.7588, 122.4554

 38.9547, 33.7170,
36.5691


153.7314,
143.1609, 155.5030

 26.9050, 22.6763,
24.5809


190.1499,
178.5886, 194.0180

 17.6381, 14.3546,
15.5489

231.9087,
219.4260, 238.4191

 10.7886, 8.3677,
9.0546

279.3730,
266.0578, 289.1248

 5.9911, 4.3311,
4.6795


332.9083,


 2.8803, 1.8605,


318.8682, 346.5536


2.0051

392.8798,
378.2417, 411.1241


 1.0908, 0.5244,
0.5584


 0.0174, 0.0000,
0.0000

 72.8636, 65.4933,
71.0885


 72.8636, 65.4933,
71.0885

 65.3818, 54.0684,
57.6855


 81.5959, 78.9868,
86.2415

 59.0874, 44.6011,
45.9642

 91.6286, 94.6356,
103.2016

 53.9186, 36.9830,
35.8571

95.0500, 100.0000,
108.9000

 49.8059, 31.0915,
27.2910

■ 46.6719, 26.7893,
20.1861

■ 44.4279, 23.9177,
14.4550

■ 42.9675, 22.2844,
9.9991

■ 42.3185, 21.6914,
7.6093

Harmonies

Analogous

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



71.4192, 65.4933, 86.4925



72.8636, 65.4933, 71.0885



71.3340, 65.4933, 57.6833

Triad

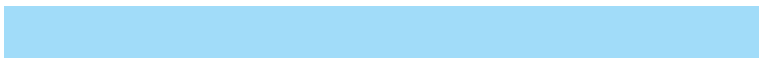
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.8636, 65.4933, 71.0885



57.2888, 65.4933, 49.2394



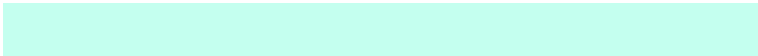
57.4164, 65.4933, 99.4314

Complementary

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



72.8636, 65.4933, 71.0885



74.1072, 89.4888, 95.0322

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.



53.9709, 65.4933, 86.9321



72.8636, 65.4933, 71.0885



53.9002, 65.4933, 58.0189

Square

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



72.8636, 65.4933, 71.0885



62.1717, 65.4933, 46.2010



52.7196, 65.4933, 71.5341



62.3272, 65.4933, 104.1848

Rectangle

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



72.8636, 65.4933, 71.0885



68.8801, 65.4933, 51.3200



52.7196, 65.4933, 71.5341



56.0585, 65.4933, 95.9173

Sweetspot

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



72.8651, 65.4961, 71.0898



87.5931, 88.3255, 96.4282



73.1470, 64.9291, 103.2851



18.6175, 18.7008, 20.4185



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.



72.8651, 65.4961, 71.0898



69.0721, 59.6849, 64.3541



73.9530, 70.7428, 61.9852



18.2117, 18.0680, 19.7317



22.1653, 11.3554, 4.2552



2.2016, 1.1230, 0.6428

Inverse Universe

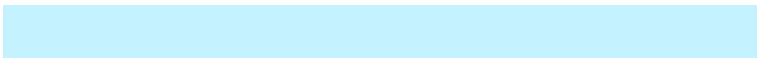
The Inverse Universe completely reimagines the original color for something new.



72.8651, 65.4961, 71.0898



69.0721, 59.6849, 64.3541



72.6336, 82.5907, 106.7211



18.2117, 18.0680, 19.7317



22.1653, 11.3554, 4.2552



2.2016, 1.1230, 0.6428

Previews

White Background



This preview shows how the XYZ color 72.8636, 65.4933, 71.0885 looks on a white background.

Color Contrast Check

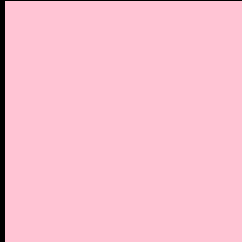
Large Text (above 18pt) WCAG AA × Fail

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 72.8636, 65.4933, 71.0885 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 72.8636, 65.4933, 71.0885

Background



This preview shows how black text looks on a background with the XYZ color 72.8636, 65.4933, 71.0885.



This preview shows how white text looks on a background with the XYZ color 72.8636, 65.4933,

71.0885.

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

72.8636, 65.4933, 71.0885

Protanopia

63.7860, 65.9551, 77.7753

Deuteranopia

67.0685, 65.6394, 70.1076



Tritanopia

72.7378, 65.4430, 70.4261

Trichromacy



Original Color

72.8636, 65.4933, 71.0885

Protanomaly

66.7211, 65.6985, 75.4942

Deuteranomaly

69.1540, 65.6450, 70.6540

Tritanomaly

72.7378, 65.4430, 70.4261

Monochromacy



Original Color

72.8636, 65.4933, 71.0885

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

67.3266, 66.7898, 72.9616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8636, 65.4933, 71.0885 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 212) }
```

Border

The CSS property to change the border of an element to XYZ 72.8636, 65.4933, 71.0885 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, 212) }
```


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

```
.border{ border-color:rgb(255, 196, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8636, 65.4933, 71.0885 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, 212) }
```

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

```
.background{ background-color: rgb(255,  
196, 212) }
```

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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