

Converting Colors

XYZ(73.9071, 68.9278, 68.9876)

Have a look what the booklet for
XYZ(73.9071, 68.9278, 68.9876)
contains.

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Color

**XYZ(73.8511, 68.8106,
69.0639)**

Conversions

Conversions Part 1

Format	Color
Hex	FECCD0
RGB	254, 204, 208
RGB Percent	100%, 80%, 82%
CMY	0.0039, 0.2000, 0.1843
CMYK	0.00, 0.20, 0.18, 0.00
HSL	355°, 96%, 90%
HSV	355°, 20%, 100%
XYZ	73.8511, 68.8106, 69.0639
YIQ	219.4060, 28.5160, 11.8440

Conversions

Conversions Part 2

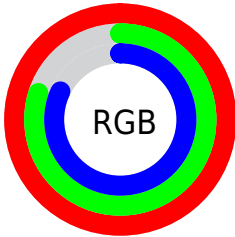
Format	Color
RYB	254, 204, 208
Decimal	16698576
CIELab	86.41, 18.24, 4.73
CIELCh	86, 18.846, 14.530
Yxy	68.8106, 0.3488, 0.3250
Android (android.graphics.Color)	4294888656 (0xFFFECCD0)
YUV	219.4060, -5.6232, 30.3389
Hunter-Lab	82.9522, 13.7497, 8.7031

Details

The XYZ color **73.8511, 68.8106, 69.0639** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6017, 90.6249, 103.8493**, and the grayscale version is **67.6394, 71.1619, 77.4953**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7650, 36.0161, 35.4278** is the 20% darker color. If you saturate the color by 10%, you get **65.6327, 56.6407, 53.1686**, and if you desaturate by 10%, it is **83.4815, 83.1252, 87.5216**.

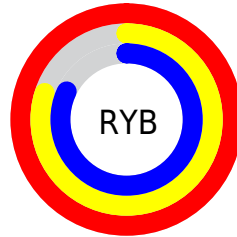
Distribution



Red (100%)

Green (80%)

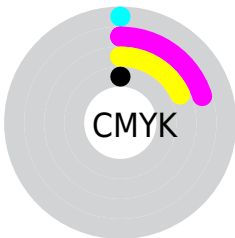
Blue (82%)



Red (100%)

Yellow (80%)

Blue (82%)

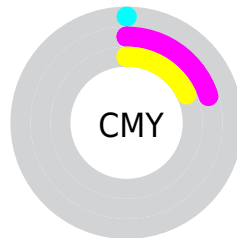


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8511, 68.8106, 69.0639 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 73.8511, 68.8106, 69.0639 by changing the saturation by 10% instead.


 73.8511, 68.8106,
69.0639

 73.8511, 68.8106,
69.0639

463.0176,
456.3627, 475.9564

 54.9630, 50.5575,
50.2917


123.6813,
117.5110, 119.5414

 39.6058, 35.8566,
35.2724

155.3542,
148.7271, 152.0838

 27.4142, 24.3234,
23.5876


192.0194,
185.0330, 190.0532

 18.0227, 15.5737,
14.8186

234.0423,
226.8130, 233.8684

 11.0661, 9.2230,
8.5470

281.7882,
274.4516, 283.9477

 6.1789, 4.8869,
4.3541

335.6224,

 2.9959, 2.1811,

328.3331, 340.7098

1.8216

395.9105,
388.8420, 404.5732

■ 1.1516, 0.7096,
0.4421

■ 0.0676, 0.0000,
0.0000

■ 73.8511, 68.8106,
69.0639

■ 73.8511, 68.8106,
69.0639

■ 65.6327, 56.6407,
53.1686

■ 83.4815, 83.1252,
87.5216

■ 58.7544, 46.5033,
39.7184

94.5800, 99.6708,
108.6435

■ 53.1468, 38.2905,
28.5930

94.6834, 99.8110,
108.8828

■ 48.7317, 31.8805,
19.6605

■ 45.4225, 27.1375,
12.7756

■ 43.1205, 23.9066,
7.7755

■ 41.7097, 22.0039,
4.4723

■ 41.0178, 21.1428,
2.6305

■ 41.0023, 21.1226,
2.5919

Harmonies

Analogous

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



73.8125, 68.8106, 81.5062



73.8511, 68.8106, 69.0639



71.5578, 68.8106, 59.3267

Triad

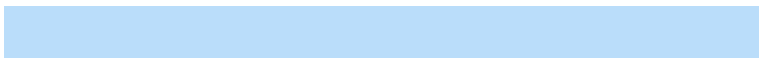
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8511, 68.8106, 69.0639



59.7020, 68.8106, 59.0888



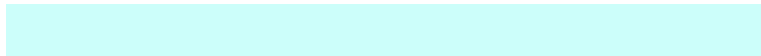
63.1933, 68.8106, 100.5046

Complementary

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



73.8511, 68.8106, 69.0639



77.6017, 90.6249, 103.8493

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.



59.6106, 68.8106, 93.0380



73.8511, 68.8106, 69.0639



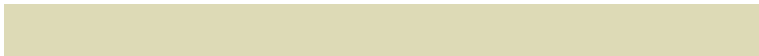
57.6567, 68.8106, 68.7043

Square

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



73.8511, 68.8106, 69.0639



63.3232, 68.8106, 54.0165



57.6240, 68.8106, 81.1045



67.5266, 68.8106, 100.6286

Rectangle

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



73.8511, 68.8106, 69.0639



69.0713, 68.8106, 55.2841



57.6240, 68.8106, 81.1045



61.8658, 68.8106, 98.7362

Sweetspot

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



73.8530, 68.8137, 69.0653



88.1775, 89.7499, 95.8346



78.8489, 70.6379, 103.2453



18.7205, 18.9821, 20.2209



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

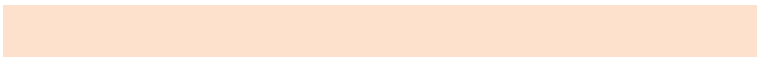
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8530, 68.8137, 69.0653



70.7602, 63.8638, 62.4423



78.6544, 79.1934, 68.2708



18.0683, 18.0106, 18.9767



21.6371, 11.1441, 1.4733



2.1260, 1.0928, 0.2452

Inverse Universe

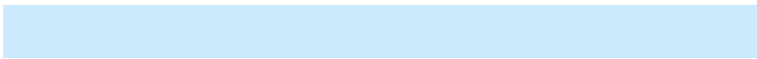
The Inverse Universe completely reimagines the original color for something new.



73.8530, 68.8137, 69.0653



70.7602, 63.8638, 62.4423



71.9800, 78.3680, 105.0994



18.0683, 18.0106, 18.9767



21.6371, 11.1441, 1.4733



2.1260, 1.0928, 0.2452

Previews

White Background



This preview shows how the XYZ color 73.8511, 68.8106, 69.0639 looks on a white background.

Color Contrast Check

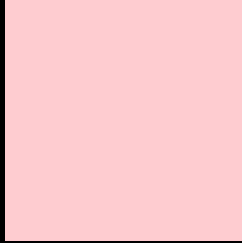
Large Text (above 18pt) WCAG AA × Fail

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 73.8511, 68.8106, 69.0639 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 73.8511, 68.8106, 69.0639

Background



This preview shows how black text looks on a background with the XYZ color 73.8511, 68.8106, 69.0639.



This preview shows how white text looks on a background with the XYZ color 73.8511, 68.8106,

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

73.8511, 68.8106, 69.0639

Protanopia

66.2568, 68.8281, 73.4114

Deuteranopia

70.3386, 68.8067, 68.6053



Tritanopia

75.2508, 69.0338, 75.6884

Trichromacy



Original Color

73.8511, 68.8106, 69.0639

Protanomaly

68.7822, 68.6656, 71.9159

Deuteranomaly

71.5813, 68.7235, 68.5237

Tritanomaly

74.7335, 68.8269, 72.9644

Monochromacy



Original Color

73.8511, 68.8106, 69.0639

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.5910, 70.1552, 74.1635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8511, 68.8106, 69.0639 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(254, 204, 208)` looks like.

```
.text, #text, p{  
    color:rgb(254, 204, 208)  
}
```

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(254, 204, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 204, 208) }
```

Border

The CSS property to change the border of an element to XYZ 73.8511, 68.8106, 69.0639 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(254, 204, 208) }
```


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

```
.border{ border-color:rgb(254, 204, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 204, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 204, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 204, 208);  
box-shadow:4px 4px 4px 4px rgb(254, 204,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8511, 68.8106, 69.0639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 204, 208) }
```

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

```
.background{ background-color: rgb(254,  
204, 208) }
```

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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