

Converting Colors

XYZ(86.7138, 75.0194, 69.6451)

Have a look what the booklet for
XYZ(86.7138, 75.0194, 69.6451)
contains.

XYZ(73.9811, 68.5259, 69.0021)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.9811, 68.5259,
69.0021)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBD0
RGB	255, 203, 208
RGB Percent	100%, 80%, 82%
CMY	0.0000, 0.2039, 0.1843
CMYK	0.00, 0.20, 0.18, 0.00
HSL	354°, 100%, 90%
HSV	354°, 20%, 100%
XYZ	73.9811, 68.5259, 69.0021
YIQ	219.1180, 29.3870, 12.5790

Conversions

Conversions Part 2

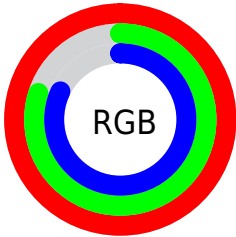
Format	Color
R _Y B	255, 203, 208
Decimal	16763856
CIE Lab	86.27, 19.12, 4.54
CIE LCh	86, 19.653, 13.343
Yxy	68.5259, 0.3498, 0.3240
Android (android.graphics.Color)	4294953936 (0xFFFFCBD0)
YUV	219.1180, -5.4812, 31.4685
Hunter-Lab	82.7804, 14.6604, 8.5247

Details

The XYZ color **73.9811, 68.5259, 69.0021** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6463, 91.1198, 103.9418**, and the grayscale version is **67.4378, 70.9498, 77.2643**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8689, 35.8338, 35.3871** is the 20% darker color. If you saturate the color by 10%, you get **65.8141, 56.4053, 53.2906**, and if you desaturate by 10%, it is **83.5539, 82.7981, 87.2173**.

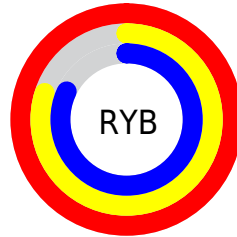
Distribution



Red (100%)

Green (80%)

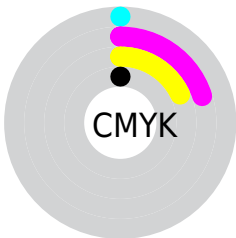
Blue (82%)



Red (100%)

Yellow (80%)

Blue (82%)

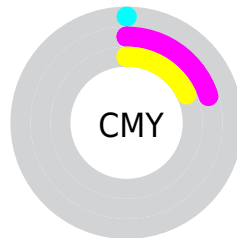


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9811, 68.5259, 69.0021 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 73.9811, 68.5259, 69.0021 by changing the saturation by 10% instead.


 73.9811, 68.5259,
69.0021

 73.9811, 68.5259,
69.0021


463.4595,
455.3571, 475.7325

 55.0698, 50.3257,
50.2417


123.8647,
117.1042, 119.4523

 39.6917, 35.6723,
35.2329

155.5676,
148.2510, 151.9791

 27.4814, 24.1812,
23.5574


192.2652,
184.4822, 189.9319

 18.0735, 15.4681,
14.7964

234.3227,
226.1821, 233.7290

 11.1028, 9.1485,
8.5316

282.1055,
273.7352, 283.7891

 6.2038, 4.8382,
4.3443

335.9790,

 3.0112, 2.1526,

327.5258, 340.5307

1.8161

396.3086,
387.9383, 404.3723

■ 1.1597, 0.6940,
0.4385

■ 0.0742, 0.0000,
0.0000

■ 73.9811, 68.5259,
69.0021

■ 73.9811, 68.5259,
69.0021

■ 65.8141, 56.4053,
53.2906

■ 83.5539, 82.7981,
87.2173

■ 58.9820, 46.3236,
39.9691

94.5894, 99.3097,
108.0345

■ 53.4151, 38.1712,
28.9216

95.0500, 100.0000,
108.9000

■ 49.0351, 31.8249,
20.0208

■ 45.7553, 27.1470,
13.1265

■ 43.4769, 23.9802,
8.0821

■ 42.0832, 22.1368,
4.7073

■ 41.4101, 21.3280,
2.8258

Harmonies

Analogous

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



73.8393, 68.5259, 81.9953



73.9811, 68.5259, 69.0021



71.6749, 68.5259, 58.7656

Triad

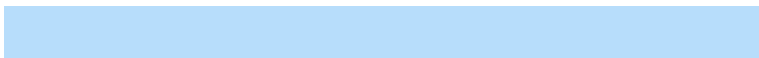
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9811, 68.5259, 69.0021



59.3337, 68.5259, 57.8999



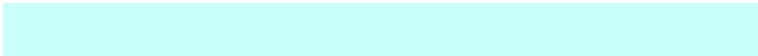
62.6666, 68.5259, 101.1582

Complementary

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



73.9811, 68.5259, 69.0021



77.6463, 91.1198, 103.9418

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.



58.9996, 68.5259, 93.0806



73.9811, 68.5259, 69.0021



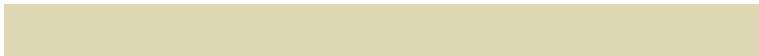
57.1373, 68.5259, 67.6878

Square

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



73.9811, 68.5259, 69.0021



63.1420, 68.5259, 52.8752



57.0179, 68.5259, 80.5202



67.1630, 68.5259, 101.6163

Rectangle

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



73.9811, 68.5259, 69.0021



69.1189, 68.5259, 54.4633



57.0179, 68.5259, 80.5202



61.3011, 68.5259, 99.2049

Sweetspot

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



73.9827, 68.5289, 69.0035



88.2144, 89.7647, 96.0292



78.7603, 70.2219, 104.0108



18.7292, 18.9856, 20.2667



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.



73.9827, 68.5289, 69.0035



70.8752, 63.9098, 63.0479



78.6231, 78.7779, 67.5655



18.0802, 18.0154, 19.0398



21.6611, 11.1537, 1.5997



2.1317, 1.0950, 0.2749

Inverse Universe

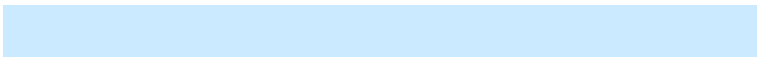
The Inverse Universe completely reimagines the original color for something new.



73.9827, 68.5289, 69.0035



70.8752, 63.9098, 63.0479



72.1607, 78.8783, 106.0295



18.0802, 18.0154, 19.0398



21.6611, 11.1537, 1.5997



2.1317, 1.0950, 0.2749

Previews

White Background



This preview shows how the XYZ color 73.9811, 68.5259, 69.0021 looks on a white background.

Color Contrast Check

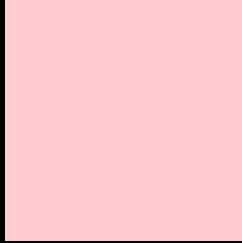
Large Text (above 18pt) WCAG AA × Fail

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 73.9811, 68.5259, 69.0021 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 73.9811, 68.5259, 69.0021

Background



This preview shows how black text looks on a background with the XYZ color 73.9811, 68.5259, 69.0021.



This preview shows how white text looks on a background with the XYZ color 73.9811, 68.5259,

69.0021.

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

73.9811, 68.5259, 69.0021

Protanopia

66.0814, 68.7228, 74.0719

Deuteranopia

69.9981, 68.6312, 68.5893



Tritanopia

74.8849, 68.5108, 74.9227

Trichromacy



Original Color

73.9811, 68.5259, 69.0021

Protanomaly

68.7822, 68.6656, 71.9159

Deuteranomaly

71.2315, 68.5431, 68.5073

Tritanomaly

74.4981, 68.3561, 72.8859

Monochromacy



Original Color

73.9811, 68.5259, 69.0021

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.3387, 69.6506, 74.0793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9811, 68.5259, 69.0021 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, 203, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 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(255, 203, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 208) }
```

Border

The CSS property to change the border of an element to XYZ 73.9811, 68.5259, 69.0021 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, 203, 208) }
```


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

```
.border{ border-color:rgb(255, 203, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9811, 68.5259, 69.0021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 208) }
```

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

```
.background{ background-color: rgb(255,  
203, 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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