

Converting Colors

XYZ(71.9842, 65.5566, 59.9752)

Have a look what the booklet for
XYZ(71.9842, 65.5566, 59.9752)
contains.

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Color

**XYZ(70.9439, 65.0875,
59.8629)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5C2
RGB	255, 197, 194
RGB Percent	100%, 77%, 76%
CMY	0.0000, 0.2274, 0.2392
CMYK	0.00, 0.23, 0.24, 0.00
HSL	3°, 100%, 88%
HSV	3°, 24%, 100%
XYZ	70.9439, 65.0875, 59.8629
YIQ	214.0000, 35.5310, 11.3630

Conversions

Conversions Part 2

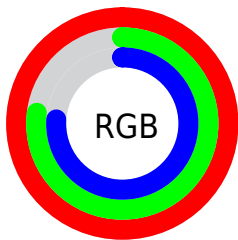
Format	Color
R _Y B	255, 197, 194
Decimal	16762306
CIE Lab	84.53, 20.24, 9.48
CIE LCh	85, 22.351, 25.102
Yxy	65.0875, 0.3622, 0.3323
Android (android.graphics.Color)	4294952386 (0xFFFFC5C2)
YUV	214.0000, -9.8600, 35.9570
Hunter-Lab	80.6768, 15.7812, 12.4801

Details

The XYZ color **70.9439, 65.0875, 59.8629** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.1074, 88.3074, 107.6942**, and the grayscale version is **63.9653, 67.2965, 73.2859**.

A 20% lighter version of the original color is **93.9371, 99.0457, 104.6092**, and **37.5820, 33.4087, 29.2787** is the 20% darker color. If you saturate the color by 10%, you get **63.2527, 53.9019, 44.3615**, and if you desaturate by 10%, it is **80.0148, 78.2459, 78.2502**.

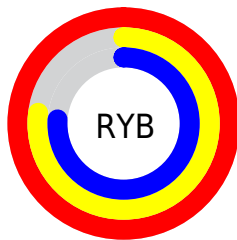
Distribution



Red (100%)

Green (77%)

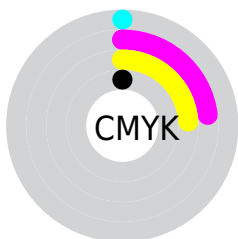
Blue (76%)



Red (100%)

Yellow (77%)

Blue (76%)

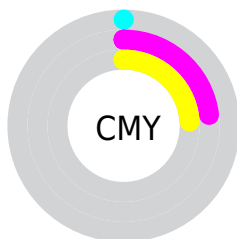


Cyan (0%)

Magenta (23%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.9439, 65.0875, 59.8629 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 70.9439, 65.0875, 59.8629 by changing the saturation by 10% instead.


 70.9439, 65.0875,
59.8629

 70.9439, 65.0875,
59.8629

453.0722,
443.1063, 441.8828

 52.5788, 47.5320,
42.8836


 119.5728,
112.1756, 106.1722

 37.6928, 33.4564,
29.4630

150.5673,
142.4771, 136.3392

 25.9204, 22.4763,
19.1828


186.5023,
177.7960, 171.7392

 16.8965, 14.2073,
11.6243

227.7431,
218.5168, 212.7907

 10.2556, 8.2650,
6.3690

274.6552,
265.0238, 259.9123

 5.6323, 4.2650,
2.9983

327.6038,

 2.6613, 1.8229,

317.7015, 313.5225

1.0938

386.9544,
376.9342, 374.0398

■ 0.9773, 0.5014,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.9439, 65.0875,
59.8629

■ 70.9439, 65.0875,
59.8629

■ 63.2527, 53.9019,
44.3615

■ 80.0148, 78.2459,
78.2502

■ 56.8694, 44.5860,
31.5958

■ 90.5237, 93.4567,
99.6552

■ 51.7225, 37.0403,
21.4080

95.0500, 100.0000,
108.9000

■ 47.7319, 31.1529,
13.6229

■ 44.8080, 26.7988,
8.0431

■ 42.8479, 23.8355,
4.4403

■ 41.7287, 22.0936,
2.5360

■ 41.3784, 21.5368,
1.9761

Harmonies

Analogous

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



71.9005, 65.0875, 73.2360



70.9439, 65.0875, 59.8629



67.5039, 65.0875, 50.6773

Triad

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



70.9439, 65.0875, 59.8629



54.3396, 65.0875, 56.3125



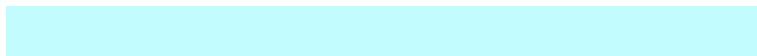
61.0499, 65.0875, 101.8458

Complementary

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



70.9439, 65.0875, 59.8629



75.1074, 88.3074, 107.6942

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.



56.5468, 65.0875, 95.8177



70.9439, 65.0875, 59.8629



52.8074, 65.0875, 68.5540

Square

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



70.9439, 65.0875, 59.8629



57.8907, 65.0875, 48.8283



53.5934, 65.0875, 83.1481



66.0144, 65.0875, 98.7085

Rectangle

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



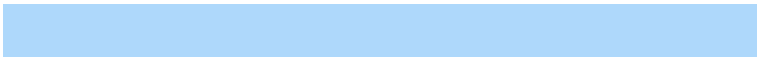
70.9439, 65.0875, 59.8629



64.3577, 65.0875, 47.5388



53.5934, 65.0875, 83.1481



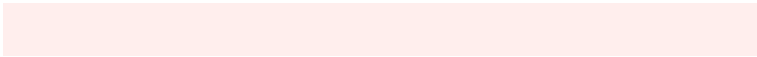
59.4350, 65.0875, 100.8032

Sweetspot

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



70.9454, 65.0904, 59.8642



87.1310, 88.5493, 92.7351



78.2564, 66.9339, 101.6957



18.5108, 18.7523, 19.5662



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.



70.9454, 65.0904, 59.8642



66.8704, 59.1677, 51.6390



78.3196, 79.8387, 62.3223



18.0811, 18.1304, 18.6909



21.6510, 11.3133, 1.0426



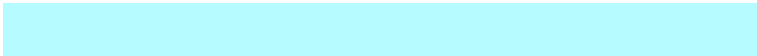
2.1322, 1.1498, 0.1096

Inverse Universe

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



75.1074, 88.3074, 107.6942



71.7267, 86.2676, 107.4787



66.5441, 71.1807, 104.8397



18.4737, 20.3190, 23.1982



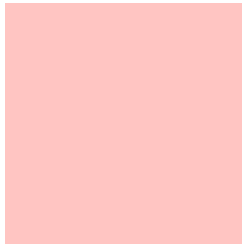
26.1245, 37.1586, 55.2300



2.5663, 3.6633, 5.3851

Previews

White Background



This preview shows how the XYZ color 70.9439, 65.0875, 59.8629 looks on a white background.

Color Contrast Check

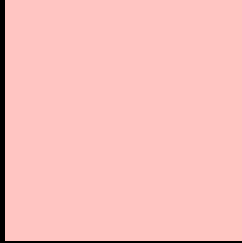
Large Text (above 18pt) WCAG AA × Fail

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 70.9439, 65.0875, 59.8629 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 70.9439, 65.0875, 59.8629

Background



This preview shows how black text looks on a background with the XYZ color 70.9439, 65.0875, 59.8629.



This preview shows how white text looks on a background with the XYZ color 70.9439, 65.0875,

59.8629.

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

70.9439, 65.0875, 59.8629

Protanopia

62.2045, 65.0619, 64.5380

Deuteranopia

66.8151, 65.3867, 59.5514



Tritanopia

72.3880, 64.9434, 69.6928

Trichromacy



Original Color

70.9439, 65.0875, 59.8629

Protanomaly

64.9794, 64.7288, 62.4952

Deuteranomaly

68.1685, 65.0360, 59.4124

Tritanomaly

71.8790, 65.0995, 65.9038

Monochromacy



Original Color

70.9439, 65.0875, 59.8629

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.1315, 66.2748, 68.3383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9439, 65.0875, 59.8629 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, 197, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 194)  
}
```

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, 197, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 194) }
```

Border

The CSS property to change the border of an element to XYZ 70.9439, 65.0875, 59.8629 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, 197, 194) }
```


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

```
.border{ border-color:rgb(255, 197, 194) }
```

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

Here you see how a box with a 4 pixel rgb(255, 197, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9439, 65.0875, 59.8629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 194) }
```

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

```
.background{ background-color: rgb(255,  
197, 194) }
```

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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