

Converting Colors

XYZ(67.3712, 57.7561, 59.2461)

Have a look what the booklet for
XYZ(67.3712, 57.7561, 59.2461)
contains.

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Color

**XYZ(67.4116, 57.8426,
59.2415)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB4C3
RGB	255, 180, 195
RGB Percent	100%, 71%, 76%
CMY	0.0000, 0.2941, 0.2353
CMYK	0.00, 0.29, 0.24, 0.00
HSL	348°, 100%, 85%
HSV	348°, 29%, 100%
XYZ	67.4116, 57.8426, 59.2415
YIQ	204.1350, 39.8850, 20.5650

Conversions

Conversions Part 2

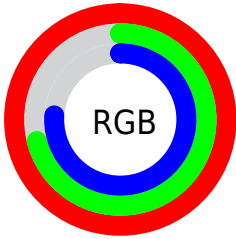
Format	Color
R _Y B	255, 180, 195
Decimal	16757955
CIE Lab	80.65, 29.30, 3.37
CIE LCh	81, 29.491, 6.553
Yxy	57.8426, 0.3654, 0.3135
Android (android.graphics.Color)	4294948035 (0xFFFFB4C3)
YUV	204.1350, -4.5036, 44.6086
Hunter-Lab	76.0543, 25.1204, 7.0549

Details

The XYZ color **67.4116, 57.8426, 59.2415** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.3127, 87.5156, 95.6283**, and the grayscale version is **57.4910, 60.4850, 65.8681**.

A 20% lighter version of the original color is **88.6480, 88.2159, 103.6219**, and **35.4230, 28.9721, 28.9245** is the 20% darker color. If you saturate the color by 10%, you get **60.5779, 47.6181, 46.3501**, and if you desaturate by 10%, it is **75.5101, 70.0922, 74.1108**.

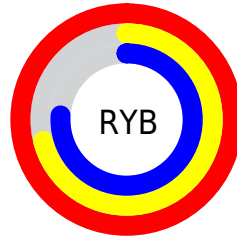
Distribution



Red (100%)

Green (71%)

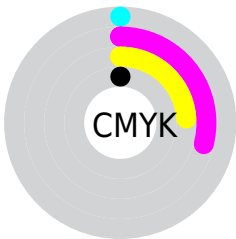
Blue (76%)



Red (100%)

Yellow (71%)

Blue (76%)

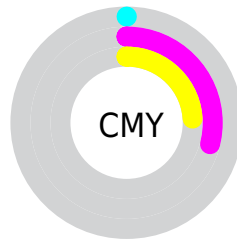


Cyan (0%)

Magenta (29%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4116, 57.8426, 59.2415 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 67.4116, 57.8426, 59.2415 by changing the saturation by 10% instead.


 67.4116, 57.8426,
59.2415

 67.4116, 57.8426,
59.2415

440.8179,
416.5992, 439.5231

 49.6911, 41.6821,
42.3863


 114.5565,
101.6936, 105.2611

 35.3848, 28.8525,
29.0760


144.7117,
130.1529, 135.2626

 24.1274, 18.9692,
18.8923


179.7425,
163.4807, 170.4833

 15.5534, 11.6481,
11.4164

220.0142,
202.0612, 211.3417

 9.2975, 6.5045,
6.2300

265.8923,
246.2789, 258.2563

 4.9944, 3.1542,
2.9144


317.7420,

 2.2787, 1.2128,


296.5182, 311.6457


1.0511


375.9288,
353.1635, 371.9285


 0.7837, 0.0721,
0.0000


 0.0000, 0.0000,
0.0000


 67.4116, 57.8426,
59.2415


 67.4116, 57.8426,
59.2415

 60.5779, 47.6181,
46.3501


 75.5101, 70.0922,
74.1108

 54.9404, 39.3019,
35.3490

 84.9294, 84.4600,
91.0336

 50.4297, 32.7771,
26.1489

95.0500, 100.0000,
108.9000

 46.9678, 27.9108,
18.6518

■ 44.4663, 24.5516,
12.7500

■ 42.8212, 22.5198,
8.3227

■ 41.8805, 21.5424,
5.2223

■ 41.8373, 21.4989,
5.0751

Harmonies

Analogous

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



66.3996, 57.8426, 77.2445



67.4116, 57.8426, 59.2415



64.9000, 57.8426, 45.0919

Triad

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



67.4116, 57.8426, 59.2415



48.3133, 57.8426, 39.7578



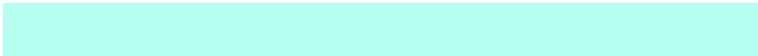
50.4616, 57.8426, 98.9072

Complementary

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



67.4116, 57.8426, 59.2415



70.3127, 87.5156, 95.6283

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.



46.1219, 57.8426, 85.0675



67.4116, 57.8426, 59.2415



44.9469, 57.8426, 50.5908

Square

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



67.4116, 57.8426, 59.2415



53.6560, 57.8426, 35.2599



44.1752, 57.8426, 66.8741



56.3208, 57.8426, 102.3824

Rectangle

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



67.4116, 57.8426, 59.2415



61.6671, 57.8426, 38.9978



44.1752, 57.8426, 66.8741



48.7904, 57.8426, 95.2033

Sweetspot

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



67.4130, 57.8452, 59.2427



85.3440, 85.0947, 91.7712



70.3081, 58.3905, 102.1726



17.9540, 17.7345, 19.0851



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.



67.4130, 57.8452, 59.2427



63.4402, 51.8854, 51.7967



70.7179, 67.0336, 52.3949



18.1578, 18.0464, 19.4483



21.9025, 11.2503, 2.8713



2.1692, 1.1100, 0.4722

Inverse Universe

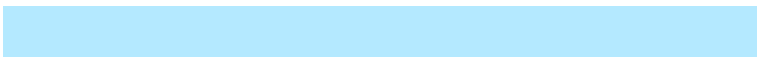
The Inverse Universe completely reimagines the original color for something new.



67.4130, 57.8452, 59.2427



63.4402, 51.8854, 51.7967



65.8719, 74.9202, 105.5970



18.1578, 18.0464, 19.4483



21.9025, 11.2503, 2.8713



2.1692, 1.1100, 0.4722

Previews

White Background



This preview shows how the XYZ color 67.4116, 57.8426, 59.2415 looks on a white background.

Color Contrast Check

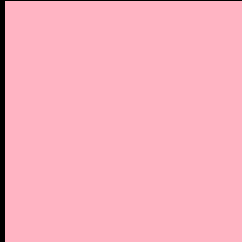
Large Text (above 18pt) WCAG AA × Fail

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 67.4116, 57.8426, 59.2415 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 67.4116, 57.8426, 59.2415

Background



This preview shows how black text looks on a background with the XYZ color 67.4116, 57.8426, 59.2415.



This preview shows how white text looks on a background with the XYZ color 67.4116, 57.8426,

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

67.4116, 57.8426, 59.2415

Protanopia

55.9211, 57.8596, 66.6132

Deuteranopia

59.2376, 58.0773, 57.9571



Tritanopia

67.2989, 57.7976, 58.6479

Trichromacy



Original Color

67.4116, 57.8426, 59.2415

Protanomaly

59.3291, 57.3357, 63.8170

Deuteranomaly

62.0842, 57.9076, 58.3572

Tritanomaly

67.2989, 57.7976, 58.6479

Monochromacy



Original Color

67.4116, 57.8426, 59.2415

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

60.4891, 58.9352, 63.4459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4116, 57.8426, 59.2415 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, 180, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 195)  
}
```

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, 180, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 195) }
```

Border

The CSS property to change the border of an element to XYZ 67.4116, 57.8426, 59.2415 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, 180, 195) }
```


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

```
.border{ border-color:rgb(255, 180, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4116, 57.8426, 59.2415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 195) }
```

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

```
.background{ background-color: rgb(255,  
180, 195) }
```

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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