

Converting Colors

XYZ(80.5059, 65.3898, 58.4083)

Have a look what the booklet for
XYZ(80.5059, 65.3898, 58.4083)
contains.

XYZ(67.6879, 58.9327, 57.6768)	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(67.6879, 58.9327,
57.6768)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7C0
RGB	255, 183, 192
RGB Percent	100%, 72%, 75%
CMY	0.0000, 0.2823, 0.2471
CMYK	0.00, 0.28, 0.25, 0.00
HSL	353°, 100%, 86%
HSV	353°, 28%, 100%
XYZ	67.6879, 58.9327, 57.6768
YIQ	205.5540, 40.0230, 18.0630

Conversions

Conversions Part 2

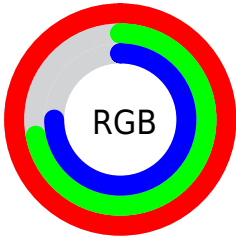
Format	Color
R_{YB}	255, 183, 192
Decimal	16758720
CIE _{Lab}	81.25, 27.31, 5.86
CIE _{LCh}	81, 27.926, 12.105
Yxy	58.9327, 0.3673, 0.3198
Android (android.graphics.Color)	4294948800 (0xFFFFB7C0)
YUV	205.5540, -6.6821, 43.3641
Hunter-Lab	76.7676, 23.0444, 9.1918

Details

The XYZ color **67.6879, 58.9327, 57.6768** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.9252, 88.2422, 100.4343**, and the grayscale version is **58.4059, 61.4476, 66.9164**.

A 20% lighter version of the original color is **89.0498, 89.7703, 101.4409**, and **35.5364, 29.4349, 28.2346** is the 20% darker color. If you saturate the color by 10%, you get **60.6089, 48.4361, 44.0300**, and if you desaturate by 10%, it is **76.0974, 71.4902, 73.6179**.

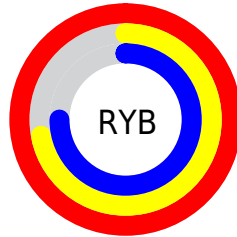
Distribution



Red (100%)

Green (72%)

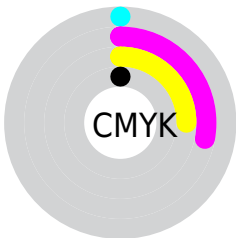
Blue (75%)



Red (100%)

Yellow (72%)

Blue (75%)

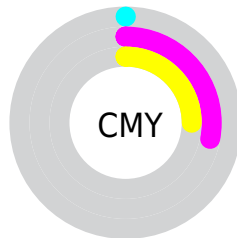


Cyan (0%)

Magenta (28%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (28%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.6879, 58.9327, 57.6768 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 67.6879, 58.9327, 57.6768 by changing the saturation by 10% instead.

 67.6879, 58.9327,
57.6768

 67.6879, 58.9327,
57.6768

441.7835,
420.6525, 433.5451

 49.9166, 42.5589,
41.1359

 114.9499,
103.2798, 102.9622

 35.5647, 29.5392,
28.1048


145.1714,
132.0220, 132.5437

 24.2667, 19.4891,
18.1649


180.2736,
165.6558, 167.3092

 15.6574, 12.0242,
10.8978

220.6219,
204.5656, 207.6772

 9.3714, 6.7602,
5.8848

266.5817,
249.1357, 254.0663

 5.0432, 3.3126,
2.7075

318.5183,

 2.3077, 1.2970,

299.7507, 306.8949

0.9472

376.7972,
356.7948, 366.5817

■ 0.7986, 0.1389,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.6879, 58.9327,
57.6768

■ 67.6879, 58.9327,
57.6768

■ 60.6089, 48.4361,
44.0300

■ 76.0974, 71.4902,
73.6179

■ 54.7879, 39.8825,
32.5681

■ 85.8965, 86.2020,
91.9485

■ 50.1518, 33.1549,
23.1782

95.0500, 100.0000,
108.9000

■ 46.6183, 28.1200,
15.7357

■ 44.0943, 24.6263,
10.1026

■ 42.4711, 22.4955,
6.1223

■ 41.6044, 21.4840,
3.6074

■ 41.4988, 21.3635,
3.2929

Harmonies

Analogous

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



67.3564, 58.9327, 74.5320



67.6879, 58.9327, 57.6768



64.7365, 58.9327, 44.9827

Triad

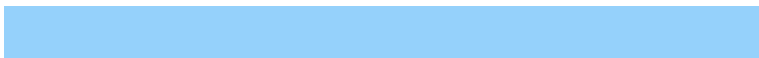
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.6879, 58.9327, 57.6768



48.8382, 58.9327, 43.1994



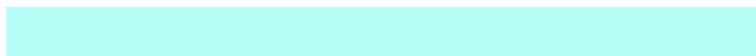
52.6438, 58.9327, 99.7678

Complementary

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



67.6879, 58.9327, 57.6768



71.9252, 88.2422, 100.4343

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.



48.1120, 58.9327, 88.1535



67.6879, 58.9327, 57.6768



46.0219, 58.9327, 54.8117

Square

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



67.6879, 58.9327, 57.6768



53.6989, 58.9327, 37.6477



45.7656, 58.9327, 71.1282



58.3942, 58.9327, 100.8971

Rectangle

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



67.6879, 58.9327, 57.6768



61.4162, 58.9327, 39.7987



45.7656, 58.9327, 71.1282



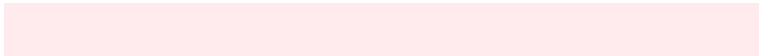
50.9378, 58.9327, 96.8782

Sweetspot

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



67.6893, 58.9354, 57.6780



86.1418, 86.5710, 92.4045



72.7810, 60.5742, 102.4638



18.1017, 18.0240, 19.1527



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

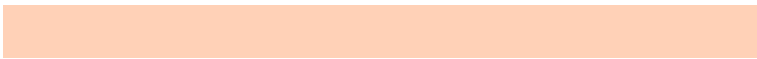
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.6893, 58.9354, 57.6780



63.4482, 52.6362, 49.5339



72.6876, 70.4786, 54.5758



18.1017, 18.0240, 19.1527



21.7126, 11.1743, 1.8709



2.1418, 1.0991, 0.3280

Inverse Universe

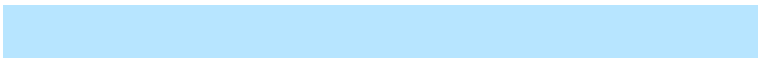
The Inverse Universe completely reimagines the original color for something new.



67.6893, 58.9354, 57.6780



63.4482, 52.6362, 49.5339



65.4893, 73.1068, 105.2671



18.1017, 18.0240, 19.1527



21.7126, 11.1743, 1.8709



2.1418, 1.0991, 0.3280

Previews

White Background



This preview shows how the XYZ color 67.6879, 58.9327, 57.6768 looks on a white background.

Color Contrast Check

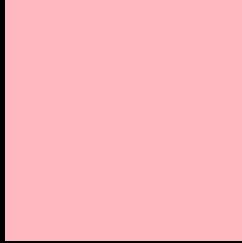
Large Text (above 18pt) WCAG AA × Fail

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 67.6879, 58.9327, 57.6768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

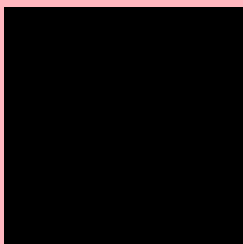
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.6879, 58.9327, 57.6768

Background



This preview shows how black text looks on a background with the XYZ color 67.6879, 58.9327, 57.6768.



This preview shows how white text looks on a background with the XYZ color 67.6879, 58.9327, 57.6768.

57.6768.

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

67.6879, 58.9327, 57.6768

Protanopia

57.0009, 59.1594, 64.2917

Deuteranopia

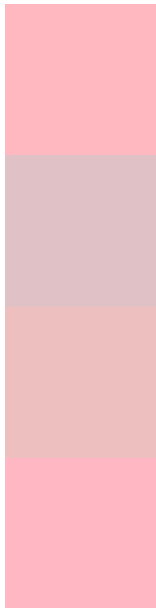
60.1734, 58.9167, 56.9158



Tritanopia

68.1373, 59.1125, 60.0432

Trichromacy



Original Color

67.6879, 58.9327, 57.6768

Protanomaly

60.2253, 58.5081, 61.5451

Deuteranomaly

62.9598, 59.0277, 57.3654

Tritanomaly

68.0238, 59.0671, 59.4456

Monochromacy



Original Color

67.6879, 58.9327, 57.6768

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.4772, 60.4525, 63.6866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6879, 58.9327, 57.6768 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, 183, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 192)  
}
```

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, 183, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 192) }
```

Border

The CSS property to change the border of an element to XYZ 67.6879, 58.9327, 57.6768 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, 183, 192) }
```


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

```
.border{ border-color:rgb(255, 183, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6879, 58.9327, 57.6768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 192) }
```

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

```
.background{ background-color: rgb(255,  
183, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor