

Converting Colors

XYZ(68.2768, 58.8394, 61.7914)

Have a look what the booklet for
XYZ(68.2768, 58.8394, 61.7914)
contains.

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Color

**XYZ(68.2768, 58.8394,
61.7914)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6C7
RGB	255, 182, 199
RGB Percent	100%, 71%, 78%
CMY	0.0000, 0.2863, 0.2196
CMYK	0.00, 0.29, 0.22, 0.00
HSL	346°, 100%, 86%
HSV	346°, 29%, 100%
XYZ	68.2768, 58.8394, 61.7914
YIQ	205.7650, 38.0510, 20.7630

Conversions

Conversions Part 2

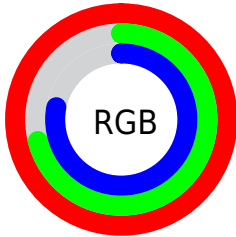
Format	Color
R_{YB}	255, 182, 199
Decimal	16758471
CIE _{Lab}	81.20, 28.82, 2.01
CIE _{LCh}	81, 28.888, 3.985
Yxy	58.8394, 0.3614, 0.3115
Android (android.graphics.Color)	4294948551 (0xFFFFB6C7)
YUV	205.7650, -3.3351, 43.1791
Hunter-Lab	76.7068, 24.6460, 5.9336

Details

The XYZ color **68.2768, 58.8394, 61.7914** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.4862, 87.6392, 94.0937**, and the grayscale version is **58.5208, 61.5685, 67.0480**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **35.8560, 29.3530, 30.5639** is the 20% darker color. If you saturate the color by 10%, you get **61.3947, 48.4796, 49.0023**, and if you desaturate by 10%, it is **76.4045, 71.2228, 76.4378**.

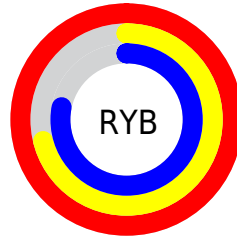
Distribution



Red (100%)

Green (71%)

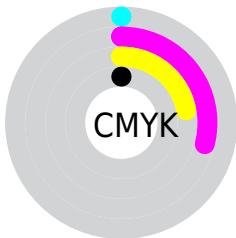
Blue (78%)



Red (100%)

Yellow (71%)

Blue (78%)

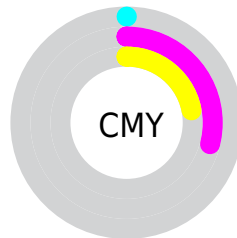


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2768, 58.8394, 61.7914 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 68.2768, 58.8394, 61.7914 by changing the saturation by 10% instead.

 68.2768, 58.8394,
61.7914

 68.2768, 58.8394,
61.7914


443.8375,
420.3065, 449.1564

 50.3975, 42.4839,
44.4295


 115.7878,
103.1442, 108.9927

 35.9484, 29.4803,
30.6686


146.1501,
131.8623, 139.6691

 24.5643, 19.4445,
20.0903


181.4042,
165.4699, 175.6207

 15.8797, 11.9919,
12.2760

221.9153,
204.3516, 217.2661

 9.5294, 6.7382,
6.8071

268.0488,
248.8917, 265.0239

 5.1479, 3.2989,
3.2651

320.1701,

 2.3700, 1.2897,

299.4747, 319.3125

1.2316

378.6445,
356.4848, 380.5505

■ 0.8301, 0.1332,
0.0047

■ 0.0000, 0.0000,
0.0000

■ 68.2768, 58.8394,
61.7914

■ 68.2768, 58.8394,
61.7914

■ 61.3947, 48.4796,
49.0023

■ 76.4045, 71.2228,
76.4378

■ 55.6914, 40.0280,
37.9916

■ 85.8319, 85.7218,
93.0089

■ 51.1000, 33.3693,
28.6796

95.0500, 100.0000,
108.9000

■ 47.5450, 28.3726,
20.9794

■ 44.9410, 24.8889,
14.7954

■ 43.1882, 22.7425,
10.0213

■ 42.1492, 21.6846,
6.5303

■ 42.0391, 21.5796,
6.1379

Harmonies

Analogous

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



66.9782, 58.8394, 79.7232



68.2768, 58.8394, 61.7914



66.0757, 58.8394, 47.2747

Triad

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



68.2768, 58.8394, 61.7914



49.7050, 58.8394, 40.3350



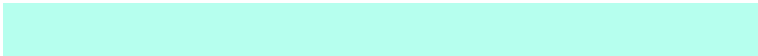
51.0032, 58.8394, 98.6886

Complementary

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



68.2768, 58.8394, 61.7914



70.4862, 87.6392, 94.0937

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.



46.8712, 58.8394, 84.4259



68.2768, 58.8394, 61.7914



46.1602, 58.8394, 50.6062

Square

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



68.2768, 58.8394, 61.7914



55.1251, 58.8394, 36.3742



45.1608, 58.8394, 66.3960



56.7328, 58.8394, 103.1238

Rectangle

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



68.2768, 58.8394, 61.7914



63.0064, 58.8394, 40.8317



45.1608, 58.8394, 66.3960



49.3953, 58.8394, 94.7727

Sweetspot

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



68.2782, 58.8420, 61.7926



85.4543, 85.1388, 92.3520



70.0284, 58.8500, 102.2760



17.9810, 17.7453, 19.2272



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.



68.2782, 58.8420, 61.7926



64.4277, 53.0280, 54.6920



70.6808, 66.6310, 53.3951



18.1826, 18.0564, 19.5789



22.0134, 11.2947, 3.4552



2.1832, 1.1157, 0.5464

Inverse Universe

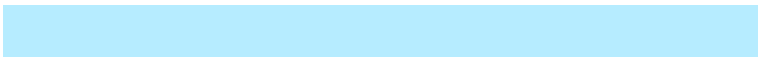
The Inverse Universe completely reimagines the original color for something new.



68.2782, 58.8420, 61.7926



64.4277, 53.0280, 54.6920



67.2046, 76.8893, 105.9068



18.1826, 18.0564, 19.5789



22.0134, 11.2947, 3.4552



2.1832, 1.1157, 0.5464

Previews

White Background



This preview shows how the XYZ color 68.2768, 58.8394, 61.7914 looks on a white background.

Color Contrast Check

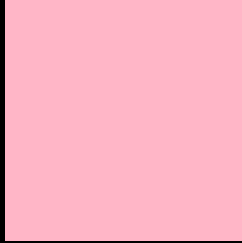
Large Text (above 18pt) WCAG AA × Fail

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 68.2768, 58.8394, 61.7914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

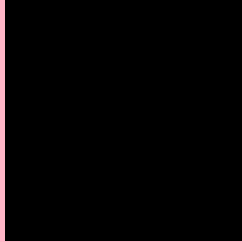
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.2768, 58.8394, 61.7914

Background



This preview shows how black text looks on a background with the XYZ color 68.2768, 58.8394, 61.7914.



This preview shows how white text looks on a background with the XYZ color 68.2768, 58.8394,

61.7914.

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

68.2768, 58.8394, 61.7914

Protanopia

57.1481, 59.1229, 69.3726

Deuteranopia

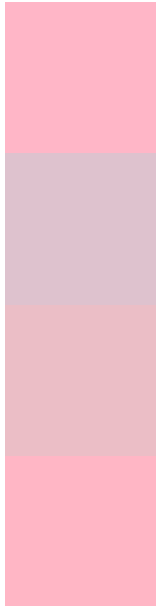
60.3336, 58.9087, 61.0139



Tritanopia

67.9318, 58.7014, 59.9747

Trichromacy



Original Color

68.2768, 58.8394, 61.7914

Protanomaly

60.5566, 58.5694, 66.5059

Deuteranomaly

62.8674, 58.5663, 61.4170

Tritanomaly

68.0460, 58.7471, 60.5762

Monochromacy



Original Color

68.2768, 58.8394, 61.7914

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.4862, 60.0916, 64.8581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2768, 58.8394, 61.7914 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, 182, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 199)  
}
```

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, 182, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 199) }
```

Border

The CSS property to change the border of an element to XYZ 68.2768, 58.8394, 61.7914 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, 182, 199) }
```


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

```
.border{ border-color:rgb(255, 182, 199) }
```

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

Here you see how a box with a 4 pixel rgb(255, 182, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2768, 58.8394, 61.7914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 199) }
```

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

```
.background{ background-color: rgb(255,  
182, 199) }
```

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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