

Converting Colors

XYZ(68.1870, 59.3308, 59.6930)

Have a look what the booklet for
XYZ(68.1870, 59.3308, 59.6930)
contains.

XYZ(68.2308, 59.4811, 59.5146)	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(68.2308, 59.4811,
59.5146)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB8C3
RGB	255, 184, 195
RGB Percent	100%, 72%, 76%
CMY	0.0000, 0.2784, 0.2353
CMYK	0.00, 0.28, 0.24, 0.00
HSL	351°, 100%, 86%
HSV	351°, 28%, 100%
XYZ	68.2308, 59.4811, 59.5146
YIQ	206.4830, 38.7850, 18.4730

Conversions

Conversions Part 2

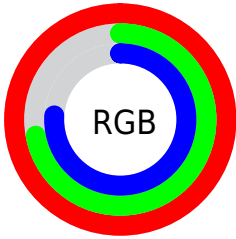
Format	Color
R _Y B	255, 184, 195
Decimal	16758979
CIE Lab	81.56, 27.20, 4.67
CIE LCh	82, 27.598, 9.750
Yxy	59.4811, 0.3644, 0.3177
Android (android.graphics.Color)	4294949059 (0xFFFFB8C3)
YUV	206.4830, -5.6611, 42.5494
Hunter-Lab	77.1240, 22.9501, 8.2342

Details

The XYZ color **68.2308, 59.4811, 59.5146** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.8586, 88.2431, 98.8372**, and the grayscale version is **58.9948, 62.0672, 67.5912**.

A 20% lighter version of the original color is **89.8127, 90.5452, 104.0101**, and **35.8163, 29.7587, 29.0556** is the 20% darker color. If you saturate the color by 10%, you get **61.1399, 48.9214, 45.9845**, and if you desaturate by 10%, it is **76.6311, 72.0962, 75.2176**.

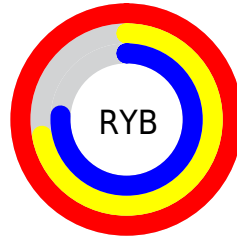
Distribution



Red (100%)

Green (72%)

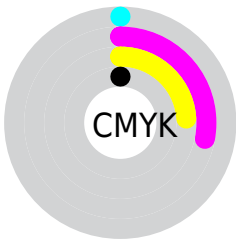
Blue (76%)



Red (100%)

Yellow (72%)

Blue (76%)

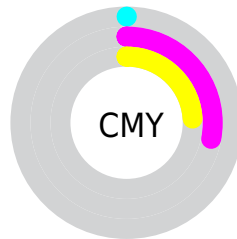


Cyan (0%)

Magenta (28%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.2308, 59.4811, 59.5146 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 68.2308, 59.4811, 59.5146 by changing the saturation by 10% instead.


 68.2308, 59.4811,
59.5146

 68.2308, 59.4811,
59.5146


443.6772,
422.6825, 440.5612

 50.3599, 43.0005,
42.6048


 115.7224,
104.0766, 105.6617

 35.9184, 29.8855,
29.2460


146.0737,
132.9603, 135.7360

 24.5410, 19.7517,
19.0198


181.3159,
166.7471, 171.0356

 15.8623, 12.2147,
11.5077

221.8143,
205.8215, 211.9790

 9.5170, 6.8901,
6.2909

267.9343,
250.5678, 258.9847

 5.1397, 3.3934,
2.9512

320.0412,

 2.3651, 1.3404,

301.3705, 312.4712

1.0697

378.5004,
358.6139, 372.8572

■ 0.8276, 0.1722,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.2308, 59.4811,
59.5146

■ 68.2308, 59.4811,
59.5146

■ 61.1399, 48.9214,
45.9845

■ 76.6311, 72.0962,
75.2176

■ 55.2877, 40.3005,
34.5275

■ 86.3979, 86.8594,
93.1800

■ 50.6034, 33.5024,
25.0416

95.0500, 100.0000,
108.9000

■ 47.0072, 28.3953,
17.4144

■ 44.4093, 24.8298,
11.5219

■ 42.7046, 22.6301,
7.2248

■ 41.7571, 21.5625,
4.3584

■ 41.6144, 21.4098,
3.9017

Harmonies

Analogous

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



67.6349, 59.4811, 76.4376



68.2308, 59.4811, 59.5146



65.5326, 59.4811, 46.4435

Triad

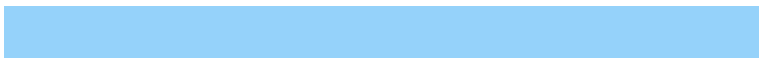
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.2308, 59.4811, 59.5146



49.7116, 59.4811, 43.2161



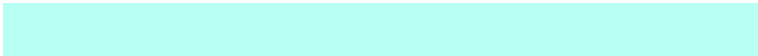
52.7690, 59.4811, 99.5150

Complementary

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



68.2308, 59.4811, 59.5146



71.8586, 88.2431, 98.8372

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.



48.4011, 59.4811, 87.3638



68.2308, 59.4811, 59.5146



46.7213, 59.4811, 54.3453

Square

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



68.2308, 59.4811, 59.5146



54.6708, 59.4811, 38.1522



46.2585, 59.4811, 70.3150



58.4411, 59.4811, 101.5393

Rectangle

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



68.2308, 59.4811, 59.5146



62.3303, 59.4811, 40.9446



46.2585, 59.4811, 70.3150



51.1105, 59.4811, 96.3918

Sweetspot

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



68.2323, 59.4838, 59.5158



86.2312, 86.6068, 92.8756



72.2119, 60.5881, 102.4964



18.1240, 18.0329, 19.2703



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.



68.2323, 59.4838, 59.5158



64.4140, 53.7849, 52.2694



72.3681, 69.6724, 54.9848



18.1240, 18.0329, 19.2703



21.7783, 11.2006, 2.2171



2.1522, 1.1033, 0.3830

Inverse Universe

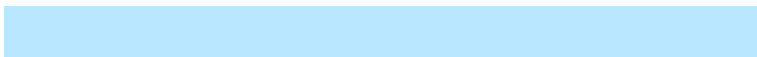
The Inverse Universe completely reimagines the original color for something new.



68.2323, 59.4838, 59.5158



64.4140, 53.7849, 52.2694



66.4886, 74.7509, 105.5318



18.1240, 18.0329, 19.2703



21.7783, 11.2006, 2.2171



2.1522, 1.1033, 0.3830

Previews

White Background



This preview shows how the XYZ color 68.2308, 59.4811, 59.5146 looks on a white background.

Color Contrast Check

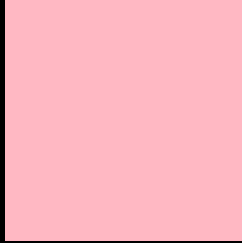
Large Text (above 18pt) WCAG AA × Fail

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 68.2308, 59.4811, 59.5146 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 68.2308, 59.4811, 59.5146

Background



This preview shows how black text looks on a background with the XYZ color 68.2308, 59.4811, 59.5146.



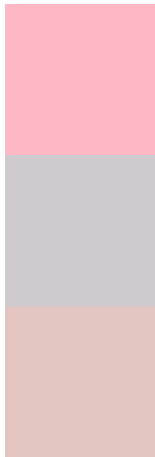
This preview shows how white text looks on a background with the XYZ color 68.2308, 59.4811,

59.5146.

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

68.2308, 59.4811, 59.5146

Protanopia

57.5936, 59.7706, 66.2590

Deuteranopia

60.7296, 59.4989, 58.7357



Tritanopia

68.5735, 59.6182, 61.3193

Trichromacy



Original Color

68.2308, 59.4811, 59.5146

Protanomaly

60.7982, 59.0946, 63.4603

Deuteranomaly

63.5123, 59.5988, 59.1952

Tritanomaly

68.4585, 59.5722, 60.7138

Monochromacy



Original Color

68.2308, 59.4811, 59.5146

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.5952, 60.4997, 64.3083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2308, 59.4811, 59.5146 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, 184, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 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, 184, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 195) }
```

Border

The CSS property to change the border of an element to XYZ 68.2308, 59.4811, 59.5146 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, 184, 195) }
```


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

```
.border{ border-color:rgb(255, 184, 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, 184, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2308, 59.4811, 59.5146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 195) }
```

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

```
.background{ background-color: rgb(255,  
184, 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](#).

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