

Converting Colors

XYZ(80.7156, 65.8800, 59.1017)

Have a look what the booklet for
XYZ(80.7156, 65.8800, 59.1017)
contains.

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Color

**XYZ(68.0061, 59.3912,
58.3314)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB8C1
RGB	255, 184, 193
RGB Percent	100%, 72%, 76%
CMY	0.0000, 0.2784, 0.2431
CMYK	0.00, 0.28, 0.24, 0.00
HSL	352°, 100%, 86%
HSV	352°, 28%, 100%
XYZ	68.0061, 59.3912, 58.3314
YIQ	206.2550, 39.4270, 17.8510

Conversions

Conversions Part 2

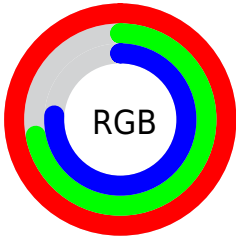
Format	Color
RYB	255, 184, 193
Decimal	16758977
CIELab	81.51, 26.92, 5.68
CIELCh	82, 27.512, 11.914
Yxy	59.3912, 0.3662, 0.3198
Android (android.graphics.Color)	4294949057 (0xFFFFB8C1)
YUV	206.2550, -6.5347, 42.7494
Hunter-Lab	77.0657, 22.6512, 9.0691

Details

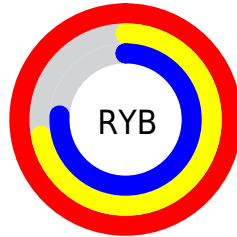
The XYZ color **68.0061, 59.3912, 58.3314** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.1640, 88.3652, 100.4456**, and the grayscale version is **58.8537, 61.9187, 67.4294**.

A 20% lighter version of the original color is **89.4990, 90.4197, 102.3582**, and **35.7422, 29.7290, 28.6654** is the 20% darker color. If you saturate the color by 10%, you get **60.8786, 48.8169, 44.6083**, and if you desaturate by 10%, it is **76.4654, 72.0300, 74.3453**.

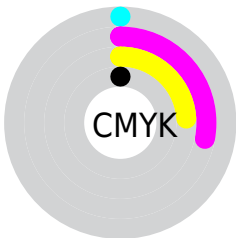
Distribution



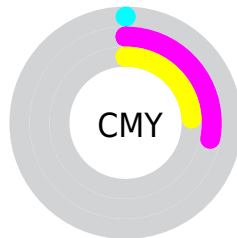
- Red (100%)
- Green (72%)
- Blue (76%)



- 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 68.0061, 59.3912, 58.3314 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 68.0061, 59.3912, 58.3314 by changing the saturation by 10% instead.


 68.0061, 59.3912,
58.3314

 68.0061, 59.3912,
58.3314


442.8940,
422.3501, 436.0524

 50.1764, 42.9281,
41.6587

 115.4027,
103.9460, 103.9248

 35.7719, 29.8287,
28.5105


145.7004,
132.8065, 133.6826

 24.4274, 19.7086,
18.4685


180.8847,
166.5683, 168.6392

 15.7774, 12.1834,
11.1139


221.3210,
205.6158, 209.2130

 9.4566, 6.8687,
6.0284

267.3748,
250.3333, 255.8228

 5.0997, 3.3801,
2.7933


319.4113,

 2.3412, 1.3333,


301.1052, 308.8868


0.9901


377.7959,
358.3161, 368.8239

 0.8156, 0.1667,
0.0000


 0.0000, 0.0000,
0.0000


 68.0061, 59.3912,
58.3314


 68.0061, 59.3912,
58.3314

 60.8786, 48.8169,
44.6083


 76.4654, 72.0300,
74.3453

 55.0104, 40.1896,
33.0675

 86.3151, 86.8263,
92.7445

 50.3291, 33.3926,
23.5971

95.0500, 100.0000,
108.9000

 46.7526, 28.2935,
16.0737

■ 44.1888, 24.7416,
10.3607

■ 42.5296, 22.5601,
6.3034

■ 41.6355, 21.5138,
3.7181

■ 41.5049, 21.3660,
3.3251

Harmonies

Analogous

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



67.6570, 59.3912, 75.0322



68.0061, 59.3912, 58.3314



65.1074, 59.3912, 45.6923

Triad

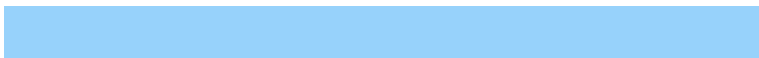
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.0061, 59.3912, 58.3314



49.3632, 59.3912, 43.8016



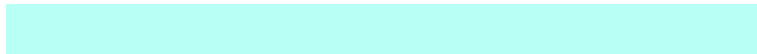
53.0776, 59.3912, 99.7856

Complementary

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



68.0061, 59.3912, 58.3314



72.1640, 88.3652, 100.4456

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.



48.5955, 59.3912, 88.2788



68.0061, 59.3912, 58.3314



46.5536, 59.3912, 55.3031

Square

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



68.0061, 59.3912, 58.3314



54.1917, 59.3912, 38.3109



46.2825, 59.3912, 71.4453



58.7693, 59.3912, 100.9716

Rectangle

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



68.0061, 59.3912, 58.3314



61.8311, 59.3912, 40.5062



46.2825, 59.3912, 71.4453



51.3897, 59.3912, 96.9159

Sweetspot

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



68.0076, 59.3939, 58.3326



86.1470, 86.5731, 92.4322



73.0346, 61.0123, 102.5349



18.1030, 18.0245, 19.1596



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.



68.0076, 59.3939, 58.3326



64.1677, 53.6864, 50.9725



72.9482, 70.8326, 55.1781



18.1030, 18.0245, 19.1596



21.7161, 11.1757, 1.8894



2.1424, 1.0993, 0.3312

Inverse Universe

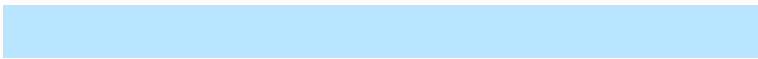
The Inverse Universe completely reimagines the original color for something new.



68.0076, 59.3939, 58.3326



64.1677, 53.6864, 50.9725



65.8294, 73.4326, 105.3121



18.1030, 18.0245, 19.1596



21.7161, 11.1757, 1.8894



2.1424, 1.0993, 0.3312

Previews

White Background



This preview shows how the XYZ color 68.0061, 59.3912, 58.3314 looks on a white background.

Color Contrast Check

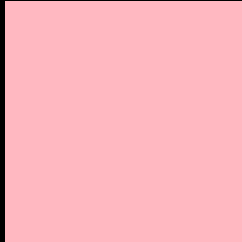
Large Text (above 18pt) WCAG AA × Fail

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 68.0061, 59.3912, 58.3314 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 68.0061, 59.3912, 58.3314

Background



This preview shows how black text looks on a background with the XYZ color 68.0061, 59.3912, 58.3314.

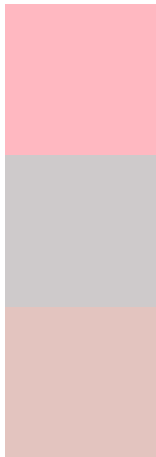


This preview shows how white text looks on a background with the XYZ color 68.0061, 59.3912,

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

68.0061, 59.3912, 58.3314

Protanopia

57.3536, 59.6747, 64.9954

Deuteranopia

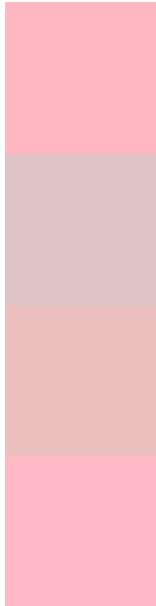
60.8225, 59.5723, 57.5831



Tritanopia

68.4585, 59.5722, 60.7138

Trichromacy



Original Color

68.0061, 59.3912, 58.3314

Protanomaly

60.5644, 59.0010, 62.2291

Deuteranomaly

63.2891, 59.5096, 58.0200

Tritanomaly

68.3443, 59.5265, 60.1122

Monochromacy



Original Color

68.0061, 59.3912, 58.3314

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 68.0061, 59.3912, 58.3314 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 193) }
```

Border

The CSS property to change the border of an element to XYZ 68.0061, 59.3912, 58.3314 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, 193) }
```


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

```
.border{ border-color:rgb(255, 184, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0061, 59.3912, 58.3314 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, 193) }
```

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

```
.background{ background-color: rgb(255,  
184, 193) }
```

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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