

Converting Colors

XYZ(68.0828, 59.2235, 59.3470)

Have a look what the booklet for
XYZ(68.0828, 59.2235, 59.3470)
contains.

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Color

**XYZ(68.0238, 59.0671,
59.4456)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7C3
RGB	255, 183, 195
RGB Percent	100%, 72%, 76%
CMY	0.0000, 0.2823, 0.2353
CMYK	0.00, 0.28, 0.24, 0.00
HSL	350°, 100%, 86%
HSV	350°, 28%, 100%
XYZ	68.0238, 59.0671, 59.4456
YIQ	205.8960, 39.0600, 18.9960

Conversions

Conversions Part 2

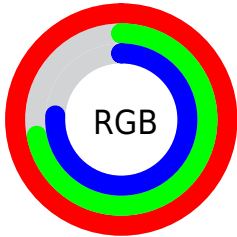
Format	Color
R _Y B	255, 183, 195
Decimal	16758723
CIE Lab	81.33, 27.72, 4.35
CIE LCh	81, 28.063, 8.909
Yxy	59.0671, 0.3647, 0.3167
Android (android.graphics.Color)	4294948803 (0xFFFFB7C3)
YUV	205.8960, -5.3717, 43.0642
Hunter-Lab	76.8551, 23.4923, 7.9392

Details

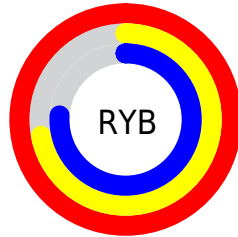
The XYZ color **68.0238, 59.0671, 59.4456** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.4684, 88.0594, 98.0284**, and the grayscale version is **58.6168, 61.6694, 67.1580**.

A 20% lighter version of the original color is **89.5191, 89.9580, 103.9123**, and **35.6839, 29.4939, 29.0114** is the 20% darker color. If you saturate the color by 10%, you get **60.9984, 48.5919, 46.0809**, and if you desaturate by 10%, it is **76.3469, 71.5900, 74.9315**.

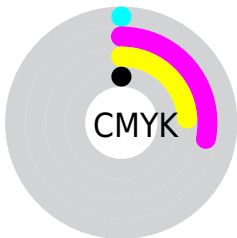
Distribution



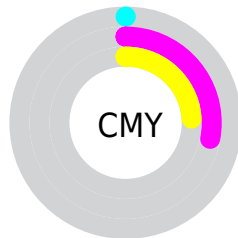
- Red (100%)
- Green (72%)
- Blue (76%)



- 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 68.0238, 59.0671, 59.4456 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 68.0238, 59.0671, 59.4456 by changing the saturation by 10% instead.


 68.0238, 59.0671,
59.4456

 68.0238, 59.0671,
59.4456


442.9557,
421.1505, 440.2990

 50.1908, 42.6671,
42.5496


 115.4279,
103.4752, 105.5605

 35.7835, 29.6240,
29.2031


145.7298,
132.2521, 135.6164

 24.4364, 19.5534,
18.9876

180.9187,
165.9234, 170.8961

 15.7841, 12.0708,
11.4846

221.3599,
204.8736, 211.8180

 9.4614, 6.7919,
6.2755

267.4189,
249.4870, 258.8007

 5.1028, 3.3323,
2.9418

319.4610,

 2.3431, 1.3076,

300.1480, 312.2628

1.0650

377.8515,
357.2411, 372.6227

■ 0.8166, 0.1471,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.0238, 59.0671,
59.4456

■ 68.0238, 59.0671,
59.4456

■ 60.9984, 48.5919,
46.0809

■ 76.3469, 71.5900,
74.9315

■ 55.2005, 40.0476,
34.7408

■ 86.0245, 86.2532,
92.6220

■ 50.5599, 33.3181,
25.3268

95.0500, 100.0000,
108.9000

■ 46.9971, 28.2715,
17.7305

■ 44.4228, 24.7577,
11.8323

■ 42.7324, 22.6001,
7.4980

■ 41.7868, 21.5570,
4.5683

■ 41.6667, 21.4307,
4.1768

Harmonies

Analogous

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



67.3229, 59.0671, 76.6380



68.0238, 59.0671, 59.4456



65.3727, 59.0671, 46.1024

Triad

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



68.0238, 59.0671, 59.4456



49.3584, 59.0671, 42.3317



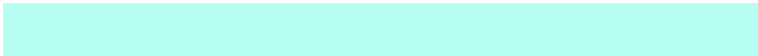
52.1840, 59.0671, 99.3602

Complementary

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



68.0238, 59.0671, 59.4456



71.4684, 88.0594, 98.0284

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.



47.8230, 59.0671, 86.7830



68.0238, 59.0671, 59.4456



46.2722, 59.0671, 53.3876

Square

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



68.0238, 59.0671, 59.4456



54.4148, 59.0671, 37.4136



45.7304, 59.0671, 69.4413



57.9044, 59.0671, 101.7476

Rectangle

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



68.0238, 59.0671, 59.4456



62.1628, 59.0671, 40.4511



45.7304, 59.0671, 69.4413



50.5221, 59.0671, 96.0909

Sweetspot

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



68.0253, 59.0698, 59.4468



86.2664, 86.6208, 93.0608



71.9473, 60.1445, 102.4247



18.1328, 18.0364, 19.3166



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.



68.0253, 59.0698, 59.4468



63.8188, 52.7845, 51.4856



72.1017, 69.3069, 54.3806



18.1328, 18.0364, 19.3166



21.8077, 11.2124, 2.3717



2.1564, 1.1049, 0.4049

Inverse Universe

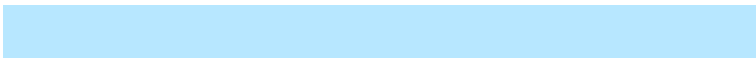
The Inverse Universe completely reimagines the original color for something new.



68.0253, 59.0698, 59.4468



63.8188, 52.7845, 51.4856



66.1564, 74.4411, 105.4895



18.1328, 18.0364, 19.3166



21.8077, 11.2124, 2.3717



2.1564, 1.1049, 0.4049

Previews

White Background



This preview shows how the XYZ color 68.0238, 59.0671, 59.4456 looks on a white background.

Color Contrast Check

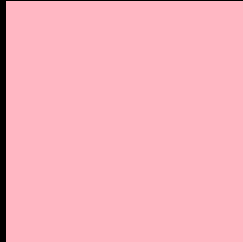
Large Text (above 18pt) WCAG AA × Fail

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 68.0238, 59.0671, 59.4456 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 68.0238, 59.0671, 59.4456

Background



This preview shows how black text looks on a background with the XYZ color 68.0238, 59.0671, 59.4456.



This preview shows how white text looks on a background with the XYZ color 68.0238, 59.0671,

59.4456.

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

68.0238, 59.0671, 59.4456

Protanopia

57.0829, 59.1602, 66.1681

Deuteranopia

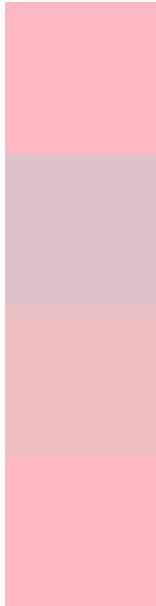
60.7296, 59.4989, 58.7357



Tritanopia

68.2515, 59.1582, 60.6447

Trichromacy



Original Color

68.0238, 59.0671, 59.4456

Protanomaly

60.2658, 58.4886, 63.3714

Deuteranomaly

63.2935, 59.1612, 59.1223

Tritanomaly

68.1373, 59.1125, 60.0432

Monochromacy



Original Color

68.0238, 59.0671, 59.4456

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 68.0238, 59.0671, 59.4456 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 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, 183, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 195) }
```

Border

The CSS property to change the border of an element to XYZ 68.0238, 59.0671, 59.4456 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, 195) }
```


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

```
.border{ border-color:rgb(255, 183, 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, 183, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0238, 59.0671, 59.4456 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, 195) }
```

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

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