

Converting Colors

XYZ(68.9670, 57.9829, 68.9178)

Have a look what the booklet for
XYZ(68.9670, 57.9829, 68.9178)
contains.

XYZ(69.1180, 58.2033, 69.2195)	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(69.1180, 58.2033,
69.2195)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3D3
RGB	255, 179, 211
RGB Percent	100%, 70%, 83%
CMY	0.0000, 0.2980, 0.1725
CMYK	0.00, 0.30, 0.17, 0.00
HSL	335°, 100%, 85%
HSV	335°, 30%, 100%
XYZ	69.1180, 58.2033, 69.2195
YIQ	205.3720, 35.0240, 26.0640

Conversions

Conversions Part 2

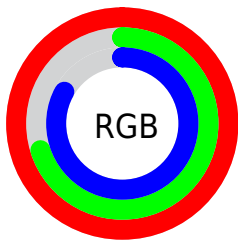
Format	Color
R _Y B	255, 179, 211
Decimal	16757715
CIE Lab	80.85, 32.16, -4.98
CIE LCh	81, 32.549, 351.191
Yxy	58.2033, 0.3517, 0.2961
Android (android.graphics.Color)	4294947795 (0xFFFFB3D3)
YUV	205.3720, 2.7746, 43.5238
Hunter-Lab	76.2911, 28.2076, -0.3905

Details

The XYZ color **69.1180, 58.2033, 69.2195** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.6717, 86.4324, 82.9318**, and the grayscale version is **58.2336, 61.2663, 66.7190**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **36.4454, 28.9719, 35.5695** is the 20% darker color. If you saturate the color by 10%, you get **62.7051, 48.2048, 58.3658**, and if you desaturate by 10%, it is **76.6486, 70.1648, 81.2860**.

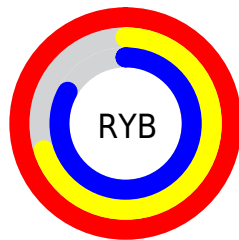
Distribution



Red (100%)

Green (70%)

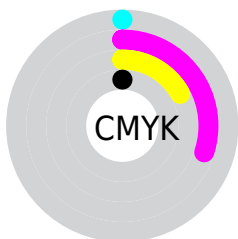
Blue (83%)



Red (100%)

Yellow (70%)

Blue (83%)

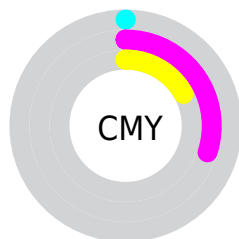


Cyan (0%)

Magenta (30%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.1180, 58.2033, 69.2195 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 69.1180, 58.2033, 69.2195 by changing the saturation by 10% instead.

 69.1180, 58.2033,
69.2195

 69.1180, 58.2033,
69.2195

446.7619,
417.9430, 476.5196

 51.0848, 41.9721,
50.4176


 116.9832,
102.2189, 119.7657

 36.4974, 29.0795,
35.3718

147.5460,
130.7720, 152.3471

 24.9905, 19.1409,
23.6636


183.0160,
164.2013, 190.3587

 16.1987, 11.7722,
14.8744

223.7586,
202.8910, 234.2192

 9.7566, 6.5887,
8.5856

270.1391,
247.2257, 284.3469

 5.2989, 3.2063,
4.3788

322.5229,

 2.4602, 1.2403,

297.5897, 341.1606

1.8354

381.2754,
354.3673, 405.0786

■ 0.8752, 0.0943,
0.4511

■ 0.0000, 0.0000,
0.0000

■ 69.1180, 58.2033,
69.2195

■ 69.1180, 58.2033,
69.2195

■ 62.7051, 48.2048,
58.3658

■ 76.6486, 70.1648,
81.2860

■ 57.3491, 40.0556,
48.6800

■ 85.3454, 84.1797,
94.6009

■ 52.9895, 33.6418,
40.1192

95.0500, 100.0000,
108.9000

■ 49.5573, 28.8338,
32.6359

■ 46.9745, 25.4835,
26.1783

■ 45.1483, 23.4146,
20.6882

■ 43.9339, 22.3463,
16.0887

■ 43.9129, 22.3291,
16.0052

Harmonies

Analogous

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



66.0286, 58.2033, 89.5513



69.1180, 58.2033, 69.2195



68.2834, 58.2033, 50.8993

Triad

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



69.1180, 58.2033, 69.2195



50.7736, 58.2033, 34.7204



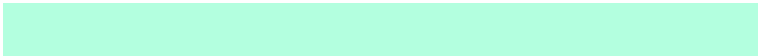
47.6008, 58.2033, 96.8590

Complementary

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



69.1180, 58.2033, 69.2195



67.6717, 86.4324, 82.9318

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.



44.1117, 58.2033, 77.7354



69.1180, 58.2033, 69.2195



45.8376, 58.2033, 42.8700

Square

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



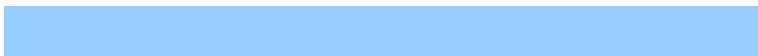
69.1180, 58.2033, 69.2195



57.3258, 58.2033, 33.3535



43.4934, 58.2033, 57.8663



53.3625, 58.2033, 107.5013

Rectangle

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



69.1180, 58.2033, 69.2195



65.6402, 58.2033, 41.9668



43.4934, 58.2033, 57.8663



46.1434, 58.2033, 91.0460

Sweetspot

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



69.1193, 58.2058, 69.2207



86.0945, 85.3949, 95.7234



64.3167, 55.0031, 101.8345



18.1380, 17.8081, 20.0539



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.



69.1193, 58.2058, 69.2207



65.0156, 51.7826, 62.3523



66.5328, 58.8259, 50.4989



18.3267, 18.1140, 20.3373



23.0161, 11.6957, 8.7351



2.2941, 1.1600, 1.1302

Inverse Universe

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



69.1193, 58.2058, 69.2207



65.0156, 51.7826, 62.3523



70.8068, 85.1345, 107.3084



18.3267, 18.1140, 20.3373



23.0161, 11.6957, 8.7351



2.2941, 1.1600, 1.1302

Previews

White Background



This preview shows how the XYZ color 69.1180, 58.2033, 69.2195 looks on a white background.

Color Contrast Check

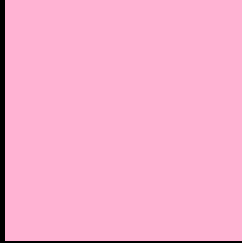
Large Text (above 18pt) WCAG AA × Fail

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 69.1180, 58.2033, 69.2195 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 69.1180, 58.2033, 69.2195

Background



This preview shows how black text looks on a background with the XYZ color 69.1180, 58.2033, 69.2195.



This preview shows how white text looks on a background with the XYZ color 69.1180, 58.2033,

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

69.1180, 58.2033, 69.2195

Protanopia

57.3975, 58.6961, 78.8253

Deuteranopia

59.5155, 58.3360, 67.7977



Tritanopia

67.1998, 58.3241, 59.9404

Trichromacy



Original Color

69.1180, 58.2033, 69.2195

Protanomaly

60.8492, 57.8738, 74.9815

Deuteranomaly

62.6612, 57.9876, 68.2117

Tritanomaly

67.9395, 58.3356, 62.9374

Monochromacy



Original Color

69.1180, 58.2033, 69.2195

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

61.4338, 59.6728, 67.3116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1180, 58.2033, 69.2195 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, 179, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 211)  
}
```

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, 179, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 211) }
```

Border

The CSS property to change the border of an element to XYZ 69.1180, 58.2033, 69.2195 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, 179, 211) }
```


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

```
.border{ border-color:rgb(255, 179, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1180, 58.2033, 69.2195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 211) }
```

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

```
.background{ background-color: rgb(255,  
179, 211) }
```

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