

Converting Colors

XYZ(68.1449, 58.4764, 62.0533)

Have a look what the booklet for
XYZ(68.1449, 58.4764, 62.0533)
contains.

XYZ(68.1892, 58.4779, 62.3370)	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(68.1892, 58.4779,
62.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5C8
RGB	255, 181, 200
RGB Percent	100%, 71%, 78%
CMY	0.0000, 0.2902, 0.2157
CMYK	0.00, 0.29, 0.22, 0.00
HSL	345°, 100%, 85%
HSV	345°, 29%, 100%
XYZ	68.1892, 58.4779, 62.3370
YIQ	205.2920, 38.0050, 21.5970

Conversions

Conversions Part 2

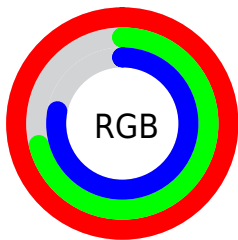
Format	Color
R _Y B	255, 181, 200
Decimal	16758216
CIE Lab	81.00, 29.49, 1.18
CIE LCh	81, 29.510, 2.287
Yxy	58.4779, 0.3608, 0.3094
Android (android.graphics.Color)	4294948296 (0xFFFFB5C8)
YUV	205.2920, -2.6090, 43.5939
Hunter-Lab	76.4708, 25.3448, 5.1980

Details

The XYZ color **68.1892, 58.4779, 62.3370** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.9586, 87.4010, 92.5436**, and the grayscale version is **58.2146, 61.2463, 66.6973**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **35.8036, 29.1244, 30.9286** is the 20% darker color. If you saturate the color by 10%, you get **61.3911, 48.2097, 49.8113**, and if you desaturate by 10%, it is **76.2137, 70.7589, 76.6278**.

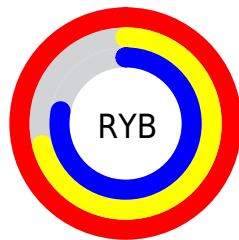
Distribution



Red (100%)

Green (71%)

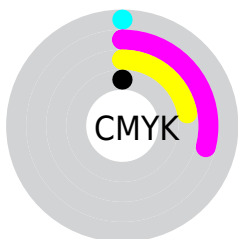
Blue (78%)



Red (100%)

Yellow (71%)

Blue (78%)

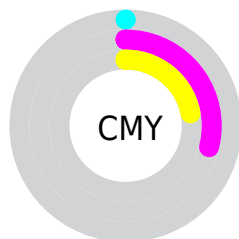


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.1892, 58.4779, 62.3370 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 68.1892, 58.4779, 62.3370 by changing the saturation by 10% instead.

 68.1892, 58.4779,
62.3370

 68.1892, 58.4779,
62.3370


443.5323,
418.9643, 451.2008

 50.3259, 42.1930,
44.8675


 115.6632,
102.6185, 109.7888

 35.8913, 29.2524,
31.0109

146.0046,
131.2429, 140.6081

 24.5200, 19.2719,
20.3486


181.2361,
164.7493, 176.7145

 15.8466, 11.8669,
12.4621

221.7230,
203.5220, 218.5265

 9.5058, 6.6531,
6.9329

267.8308,
247.9455, 266.4625

 5.1323, 3.2461,
3.3423


319.9246,

 2.3606, 1.2615,


298.4041, 320.9413


1.2720


378.3700,
355.2823, 382.3812


 0.8254, 0.1111,
0.0387


 0.0000, 0.0000,
0.0000


 68.1892, 58.4779,
62.3370

 68.1892, 58.4779,
62.3370

 61.3911, 48.2097,
49.8113

 76.2137, 70.7589,
76.6278

 55.7534, 39.8389,
38.9771

 85.5177, 85.1445,
92.7461

 51.2099, 33.2503,
29.7609

95.0500, 100.0000,
108.9000

 47.6863, 28.3128,
22.0820

■ 45.0980, 24.8773,
15.8520

■ 43.3463, 22.7672,
10.9728

■ 42.2901, 21.7236,
7.3254

■ 42.2075, 21.6470,
7.0250

Harmonies

Analogous

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



66.6644, 58.4779, 80.6674



68.1892, 58.4779, 62.3370



66.1356, 58.4779, 47.3128

Triad

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



68.1892, 58.4779, 62.3370



49.5293, 58.4779, 39.2187



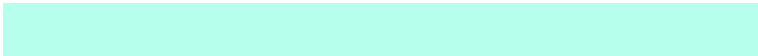
50.2864, 58.4779, 98.4133

Complementary

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



68.1892, 58.4779, 62.3370



69.9586, 87.4010, 92.5436

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.



46.2145, 58.4779, 83.4257



68.1892, 58.4779, 62.3370



45.8005, 58.4779, 49.2497

Square

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



68.1892, 58.4779, 62.3370



55.1132, 58.4779, 35.5841



44.6323, 58.4779, 65.0269



56.0524, 58.4779, 103.6355

Rectangle

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



68.1892, 58.4779, 62.3370



63.0955, 58.4779, 40.5585



44.6323, 58.4779, 65.0269



48.6890, 58.4779, 94.2297

Sweetspot

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



68.1906, 58.4805, 62.3382



85.5347, 85.1710, 92.7753



68.9248, 57.9782, 102.1659



18.0006, 17.7532, 19.3308



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.



68.1906, 58.4805, 62.3382



63.9794, 52.1011, 54.6360



69.8374, 65.1089, 52.6059



18.2007, 18.0636, 19.6741



22.1052, 11.3314, 3.9384



2.1944, 1.1201, 0.6052

Inverse Universe

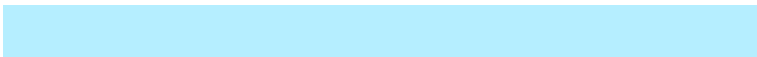
The Inverse Universe completely reimagines the original color for something new.



68.1906, 58.4805, 62.3382



63.9794, 52.1011, 54.6360



67.6049, 78.0393, 106.1077



18.2007, 18.0636, 19.6741



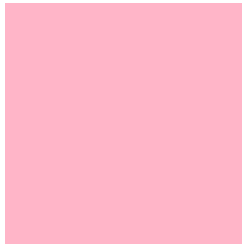
22.1052, 11.3314, 3.9384



2.1944, 1.1201, 0.6052

Previews

White Background



This preview shows how the XYZ color 68.1892, 58.4779, 62.3370 looks on a white background.

Color Contrast Check

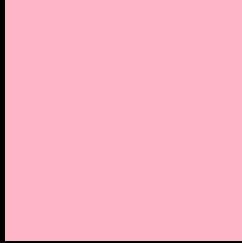
Large Text (above 18pt) WCAG AA × Fail

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 68.1892, 58.4779, 62.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

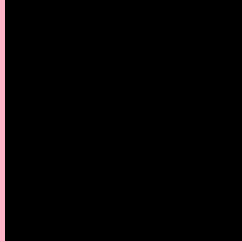
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.1892, 58.4779, 62.3370

Background



This preview shows how black text looks on a background with the XYZ color 68.1892, 58.4779, 62.3370.



This preview shows how white text looks on a background with the XYZ color 68.1892, 58.4779,

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

68.1892, 58.4779, 62.3370

Protanopia

56.7693, 58.5683, 69.9408

Deuteranopia

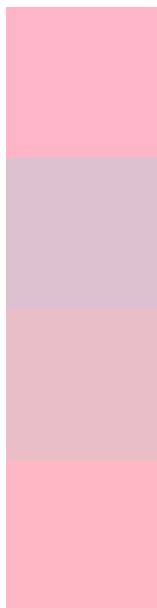
59.7174, 58.5910, 60.9851



Tritanopia

67.9318, 58.7014, 59.9747

Trichromacy



Original Color

68.1892, 58.4779, 62.3370

Protanomaly

60.1512, 58.0171, 67.0596

Deuteranomaly

62.5382, 58.3966, 61.4016

Tritanomaly

68.0460, 58.7471, 60.5762

Monochromacy



Original Color

68.1892, 58.4779, 62.3370

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.9508, 59.4796, 64.7682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1892, 58.4779, 62.3370 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, 181, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 200)  
}
```

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, 181, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 200) }
```

Border

The CSS property to change the border of an element to XYZ 68.1892, 58.4779, 62.3370 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, 181, 200) }
```


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

```
.border{ border-color:rgb(255, 181, 200) }
```

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

Here you see how a box with a 4 pixel rgb(255, 181, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1892, 58.4779, 62.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 200) }
```

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

```
.background{ background-color: rgb(255,  
181, 200) }
```

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