

Converting Colors

XYZ(68.5986, 58.9462, 58.8671)

Have a look what the booklet for
XYZ(68.5986, 58.9462, 58.8671)
contains.

XYZ(67.7056, 58.6109, 58.7835)	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(67.7056, 58.6109,
58.7835)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6C2
RGB	255, 182, 194
RGB Percent	100%, 71%, 76%
CMY	0.0000, 0.2863, 0.2392
CMYK	0.00, 0.29, 0.24, 0.00
HSL	350°, 100%, 86%
HSV	350°, 29%, 100%
XYZ	67.7056, 58.6109, 58.7835
YIQ	205.1950, 39.6560, 19.2080

Conversions

Conversions Part 2

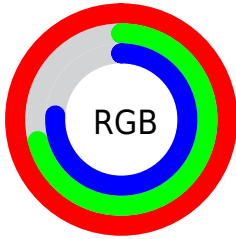
Format	Color
R _Y B	255, 182, 194
Decimal	16758466
CIE Lab	81.08, 28.11, 4.52
CIE LCh	81, 28.470, 9.139
Yxy	58.6109, 0.3658, 0.3166
Android (android.graphics.Color)	4294948546 (0xFFFFB6C2)
YUV	205.1950, -5.5191, 43.6790
Hunter-Lab	76.5578, 23.8845, 8.0657

Details

The XYZ color **67.7056, 58.6109, 58.7835** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.2312, 87.9372, 98.0172**, and the grayscale version is **58.1700, 61.1993, 66.6461**.

A 20% lighter version of the original color is **89.0699, 89.3112, 102.9868**, and **35.4788, 29.2021, 28.5776** is the 20% darker color. If you saturate the color by 10%, you get **60.7266, 48.2124, 45.4842**, and if you desaturate by 10%, it is **75.9814, 71.0536, 74.2096**.

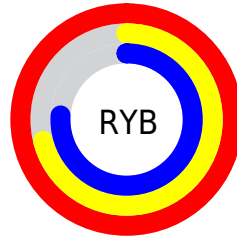
Distribution



Red (100%)

Green (71%)

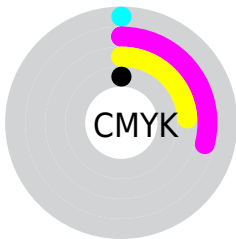
Blue (76%)



Red (100%)

Yellow (71%)

Blue (76%)

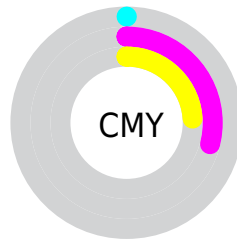


Cyan (0%)

Magenta (29%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.7056, 58.6109, 58.7835 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 67.7056, 58.6109, 58.7835 by changing the saturation by 10% instead.


 67.7056, 58.6109,
58.7835

 67.7056, 58.6109,
58.7835

441.8453,
419.4584, 437.7786

 49.9311, 42.3000,
42.0200


 114.9751,
102.8119, 104.5890

 35.5762, 29.3363,
28.7913


145.2008,
131.4708, 134.4680

 24.2757, 19.3353,
18.6788


180.3076,
165.0145, 169.5560

 15.6641, 11.9128,
11.2639

220.6608,
203.8274, 210.2714

 9.3761, 6.6844,
6.1282

266.6258,
248.2938, 257.0329

 5.0464, 3.2655,
2.8532

318.5680,

 2.3095, 1.2719,

298.7982, 310.2589

1.0202

376.8527,
355.7249, 370.3679

■ 0.7995, 0.1193,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.7056, 58.6109,
58.7835

■ 67.7056, 58.6109,
58.7835

■ 60.7266, 48.2124,
45.4842

■ 75.9814, 71.0536,
74.2096

■ 54.9741, 39.7410,
34.2145

■ 85.6113, 85.6335,
91.8470

■ 50.3774, 33.0802,
24.8746

95.0500, 100.0000,
108.9000

■ 46.8567, 28.0972,
17.3549

■ 44.3217, 24.6412,
11.5345

■ 42.6671, 22.5341,
7.2772

■ 41.7485, 21.5243,
4.4201

■ 41.6562, 21.4265,
4.1217

Harmonies

Analogous

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



67.0234, 58.6109, 76.1308



67.7056, 58.6109, 58.7835



65.0011, 58.6109, 45.3898

Triad

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



67.7056, 58.6109, 58.7835



48.8344, 58.6109, 41.7446



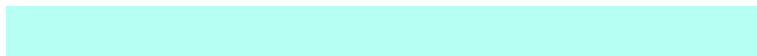
51.7559, 58.6109, 99.3413

Complementary

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



67.7056, 58.6109, 58.7835



71.2312, 87.9372, 98.0172

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.



47.3456, 58.6109, 86.6587



67.7056, 58.6109, 58.7835



45.7436, 58.6109, 52.9088

Square

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



67.7056, 58.6109, 58.7835



53.9213, 58.6109, 36.7624



45.2185, 58.6109, 69.1306



57.5335, 58.6109, 101.6715

Rectangle

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



67.7056, 58.6109, 58.7835



61.7467, 58.6109, 39.7457



45.2185, 58.6109, 69.1306



50.0762, 58.6109, 96.0525

Sweetspot

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



67.7069, 58.6135, 58.7847



85.2251, 85.0471, 91.1448



71.6842, 59.7036, 102.3535



17.9249, 17.7229, 18.9320



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.



67.7069, 58.6135, 58.7847



63.7983, 52.7762, 51.3775



71.8368, 68.9429, 53.7804



18.1311, 18.0358, 19.3076



21.8018, 11.2100, 2.3408



2.1555, 1.1046, 0.4005

Inverse Universe

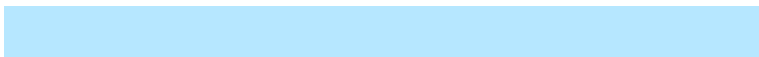
The Inverse Universe completely reimagines the original color for something new.



67.7069, 58.6135, 58.7847



63.7983, 52.7762, 51.3775



65.8261, 74.1324, 105.4473



18.1311, 18.0358, 19.3076



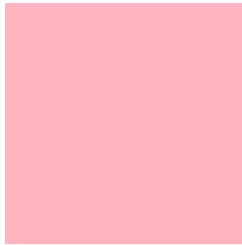
21.8018, 11.2100, 2.3408



2.1555, 1.1046, 0.4005

Previews

White Background



This preview shows how the XYZ color 67.7056, 58.6109, 58.7835 looks on a white background.

Color Contrast Check

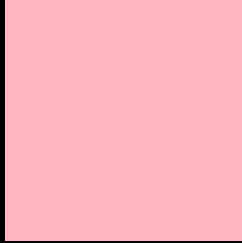
Large Text (above 18pt) WCAG AA × Fail

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 67.7056, 58.6109, 58.7835 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 67.7056, 58.6109, 58.7835

Background



This preview shows how black text looks on a background with the XYZ color 67.7056, 58.6109, 58.7835.



This preview shows how white text looks on a background with the XYZ color 67.7056, 58.6109,

58.7835.

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

67.7056, 58.6109, 58.7835

Protanopia

56.8079, 59.0184, 66.1552

Deuteranopia

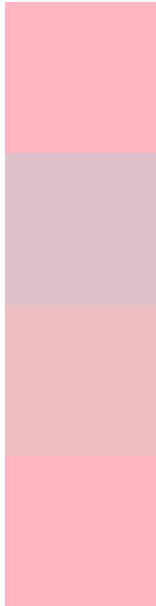
60.0809, 58.8435, 58.0605



Tritanopia

67.9318, 58.7014, 59.9747

Trichromacy



Original Color

67.7056, 58.6109, 58.7835

Protanomaly

60.2658, 58.4886, 63.3714

Deuteranomaly

62.6312, 58.5100, 58.4446

Tritanomaly

67.8183, 58.6560, 59.3771

Monochromacy



Original Color

67.7056, 58.6109, 58.7835

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.9403, 59.8375, 63.5962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7056, 58.6109, 58.7835 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, 182, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 194)  
}
```

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, 182, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 194) }
```

Border

The CSS property to change the border of an element to XYZ 67.7056, 58.6109, 58.7835 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, 182, 194) }
```


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

```
.border{ border-color:rgb(255, 182, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7056, 58.6109, 58.7835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 194) }
```

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

```
.background{ background-color: rgb(255,  
182, 194) }
```

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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