

Converting Colors

XYZ(68.8785, 58.7699, 65.9166)

Have a look what the booklet for
XYZ(68.8785, 58.7699, 65.9166)
contains.

XYZ(68.9045, 58.7640, 66.1034)	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(68.9045, 58.7640,
66.1034)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5CE
RGB	255, 181, 206
RGB Percent	100%, 71%, 81%
CMY	0.0000, 0.2902, 0.1922
CMYK	0.00, 0.29, 0.19, 0.00
HSL	340°, 100%, 85%
HSV	340°, 29%, 100%
XYZ	68.9045, 58.7640, 66.1034
YIQ	205.9760, 36.0790, 23.4630

Conversions

Conversions Part 2

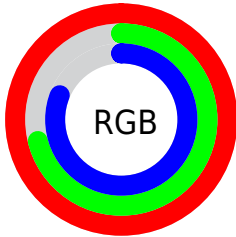
Format	Color
R _Y B	255, 181, 206
Decimal	16758222
CIE Lab	81.16, 30.37, -1.83
CIE LCh	81, 30.420, 356.552
Yxy	58.7640, 0.3556, 0.3033
Android (android.graphics.Color)	4294948302 (0xFFFFB5CE)
YUV	205.9760, 0.0118, 42.9940
Hunter-Lab	76.6577, 26.2955, 2.5335

Details

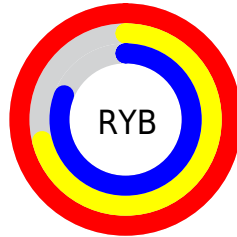
The XYZ color **68.9045, 58.7640, 66.1034** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.1012, 87.0580, 88.0285**, and the grayscale version is **58.6359, 61.6896, 67.1799**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **36.2828, 29.3161, 33.4520** is the 20% darker color. If you saturate the color by 10%, you get **62.2436, 48.5507, 54.3002**, and if you desaturate by 10%, it is **76.7375, 70.9684, 79.3862**.

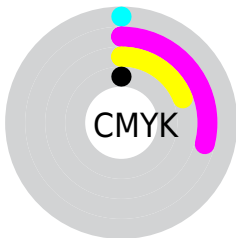
Distribution



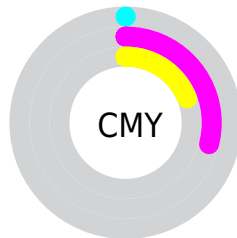
- Red (100%)
- Green (71%)
- Blue (81%)



- Red (100%)
- Yellow (71%)
- Blue (81%)



- Cyan (0%)
- Magenta (29%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.9045, 58.7640, 66.1034 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 68.9045, 58.7640, 66.1034 by changing the saturation by 10% instead.


 68.9045, 58.7640,
66.1034

 68.9045, 58.7640,
66.1034


446.0207,
420.0268, 465.1609

 50.9103, 42.4232,
47.8993


 116.6800,
103.0346, 115.2631

 36.3580, 29.4328,
33.3877


147.1920,
131.7331, 147.0559

 24.8822, 19.4085,
22.1501


182.6073,
165.3197, 184.2153

 16.1176, 11.9658,
13.7679

223.2912,
204.1787, 227.1599

 9.6988, 6.7204,
7.8225

269.6092,
248.6945, 276.3082

 5.2604, 3.2879,
3.8954


321.9265,

 2.4372, 1.2838,


299.2515, 332.0788


1.5682


380.6086,
356.2342, 394.8902


 0.8637, 0.1286,
0.2679


 0.0000, 0.0000,
0.0000


 68.9045, 58.7640,
66.1034


 68.9045, 58.7640,
66.1034

 62.2436, 48.5507,
54.3002


 76.7375, 70.9684,
79.3862

 56.6919, 40.2143,
43.9192

 85.7929, 85.2545,
94.1957

 52.1866, 33.6409,
34.9042

95.0500, 100.0000,
108.9000

 48.6570, 28.7011,
27.1938

■ 46.0226, 25.2471,
20.7206

■ 44.1890, 23.1042,
15.4102

■ 43.0203, 22.0156,
11.1707

■ 42.9253, 21.9341,
10.8047

Harmonies

Analogous

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



66.6366, 58.7640, 85.1835



68.9045, 58.7640, 66.1034



67.4634, 58.7640, 49.6333

Triad

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



68.9045, 58.7640, 66.1034



50.5876, 58.7640, 37.5943



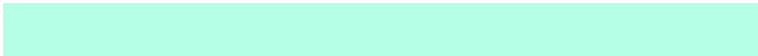
49.4100, 58.7640, 97.6973

Complementary

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



68.9045, 58.7640, 66.1034



69.1012, 87.0580, 88.0285

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.



45.6582, 58.7640, 80.8643



68.9045, 58.7640, 66.1034



46.3012, 58.7640, 46.6304

Square

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



68.9045, 58.7640, 66.1034



56.5886, 58.7640, 35.1161



44.5641, 58.7640, 61.9104



55.1246, 58.7640, 105.4655

Rectangle

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



68.9045, 58.7640, 66.1034



64.6484, 58.7640, 41.8677



44.5641, 58.7640, 61.9104



47.8946, 58.7640, 92.7727

Sweetspot

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



68.9059, 58.7666, 66.1046



85.8095, 85.2809, 94.2225



66.9208, 56.9451, 102.0721



18.0680, 17.7801, 19.6855



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.



68.9059, 58.7666, 66.1046



64.7831, 52.4225, 58.8681



68.4539, 62.3420, 52.1447



18.2625, 18.0883, 19.9995



22.4915, 11.4859, 5.9726



2.2385, 1.1378, 0.8374

Inverse Universe

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



68.9059, 58.7666, 66.1046



64.7831, 52.4225, 58.8681



69.4284, 81.6863, 106.7155



18.2625, 18.0883, 19.9995



22.4915, 11.4859, 5.9726



2.2385, 1.1378, 0.8374

Previews

White Background



This preview shows how the XYZ color 68.9045, 58.7640, 66.1034 looks on a white background.

Color Contrast Check

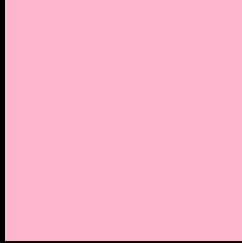
Large Text (above 18pt) WCAG AA × Fail

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 68.9045, 58.7640, 66.1034 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 68.9045, 58.7640, 66.1034

Background



This preview shows how black text looks on a background with the XYZ color 68.9045, 58.7640, 66.1034.



This preview shows how white text looks on a background with the XYZ color 68.9045, 58.7640,

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

68.9045, 58.7640, 66.1034

Protanopia

57.6289, 59.2528, 74.7292

Deuteranopia

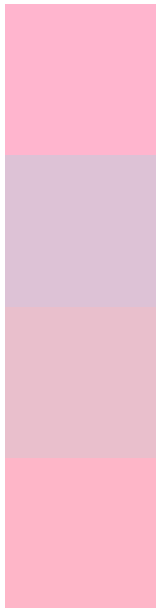
60.3382, 59.1638, 64.7395



Tritanopia

67.8846, 58.9690, 60.6276

Trichromacy



Original Color

68.9045, 58.7640, 66.1034

Protanomaly

61.2482, 58.8108, 71.7418

Deuteranomaly

63.1342, 58.9449, 65.1767

Tritanomaly

68.0263, 58.6969, 62.3878

Monochromacy



Original Color

68.9045, 58.7640, 66.1034

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.8473, 60.2360, 66.7595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9045, 58.7640, 66.1034 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 206) }
```

Border

The CSS property to change the border of an element to XYZ 68.9045, 58.7640, 66.1034 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, 206) }
```


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

```
.border{ border-color:rgb(255, 181, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9045, 58.7640, 66.1034 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
181, 206) }
```

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