

Converting Colors

XYZ(100.9263, 76.0803,
55.3849)

Have a look what the booklet for
XYZ(100.9263, 76.0803, 55.3849)
contains.

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Color

**XYZ(66.9304, 58.6298,
53.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7B9
RGB	255, 183, 185
RGB Percent	100%, 72%, 73%
CMY	0.0000, 0.2823, 0.2745
CMYK	0.00, 0.28, 0.27, 0.00
HSL	358°, 100%, 86%
HSV	358°, 28%, 100%
XYZ	66.9304, 58.6298, 53.6880
YIQ	204.7560, 42.2700, 15.8860

Conversions

Conversions Part 2

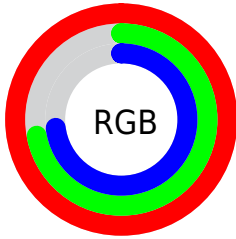
Format	Color
R_{YB}	255, 183, 185
Decimal	16758713
CIE _{Lab}	81.09, 26.35, 9.39
CIE _{LCh}	81, 27.975, 19.608
Yxy	58.6298, 0.3734, 0.3271
Android (android.graphics.Color)	4294948793 (0xFFFFB7B9)
YUV	204.7560, -9.7397, 44.0640
Hunter-Lab	76.5701, 22.0303, 12.0272

Details

The XYZ color **66.9304, 58.6298, 53.6880** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0205, 88.6803, 106.2014**, and the grayscale version is **57.9158, 60.9319, 66.3549**.

A 20% lighter version of the original color is **87.9837, 89.3439, 95.8269**, and **35.0411, 29.2368, 25.6262** is the 20% darker color. If you saturate the color by 10%, you get **59.7462, 48.0911, 39.4866**, and if you desaturate by 10%, it is **75.5269, 71.2621, 70.6131**.

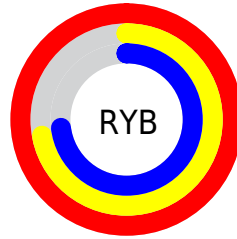
Distribution



Red (100%)

Green (72%)

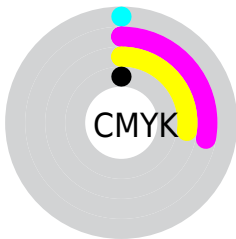
Blue (73%)



Red (100%)

Yellow (72%)

Blue (73%)

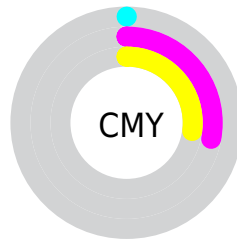


Cyan (0%)

Magenta (28%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.9304, 58.6298, 53.6880 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 66.9304, 58.6298, 53.6880 by changing the saturation by 10% instead.


 66.9304, 58.6298,
53.6880

 66.9304, 58.6298,
53.6880


439.1334,
419.5286, 418.0601

 49.2986, 42.3152,
37.9608


 113.8710,
102.8394, 97.0678

 35.0719, 29.3482,
25.6507


143.9105,
131.5032, 125.5574

 23.8850, 19.3444,
16.3391

178.8166,
165.0522, 159.1383

 15.3726, 11.9194,
9.6075

218.9546,
203.8708, 198.2289

 9.1693, 6.6888,
5.0373

264.6900,
248.3433, 243.2479

 4.9098, 3.2682,
2.2100

316.3880,

 2.2286, 1.2733,

298.8542, 294.6137

0.6802

374.4140,
355.7878, 352.7449

0.7578, 0.1204,
0.0000

0.0000, 0.0000,
0.0000

66.9304, 58.6298,
53.6880

66.9304, 58.6298,
53.6880

59.7462, 48.0911,
39.4866

75.5269, 71.2621,
70.6131

53.8946, 39.5253,
27.8635

85.6007, 86.0838,
90.3899

49.2948, 32.8122,
18.6650

95.0500, 100.0000,
108.9000

45.8557, 27.8149,
11.7196

■ 43.4736, 24.3780,
6.8338

■ 42.0266, 22.3177,
3.7811

■ 41.3519, 21.3830,
2.2782

■ 41.2787, 21.2755,
2.1338

Harmonies

Analogous

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



67.4569, 58.6298, 69.7869



66.9304, 58.6298, 53.6880



63.2861, 58.6298, 42.4319

Triad

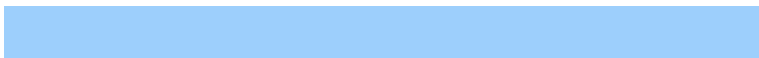
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.9304, 58.6298, 53.6880



47.6401, 58.6298, 45.2624



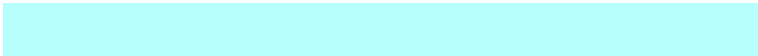
53.7342, 58.6298, 100.7780

Complementary

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



66.9304, 58.6298, 53.6880



73.0205, 88.6803, 106.2014

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.



48.7931, 58.6298, 91.4497



66.9304, 58.6298, 53.6880



45.4404, 58.6298, 58.2370

Square

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



66.9304, 58.6298, 53.6880



52.0589, 58.6298, 38.1850



45.8472, 58.6298, 75.1926



59.5611, 58.6298, 98.9841

Rectangle

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



66.9304, 58.6298, 53.6880



59.7113, 58.6298, 38.2914



45.8472, 58.6298, 75.1926



51.9218, 58.6298, 98.7837

Sweetspot

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



66.9319, 58.6325, 53.6892



85.8532, 86.4556, 90.8851



75.3475, 61.8974, 102.5839



18.0298, 17.9952, 18.7740



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.



66.9319, 58.6325, 53.6892



62.6204, 52.3051, 45.1748



74.4987, 74.1007, 55.1797



18.0298, 17.9952, 18.7740



21.5778, 11.1204, 1.1613



2.1078, 1.0855, 0.1491

Inverse Universe

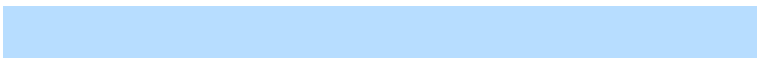
The Inverse Universe completely reimagines the original color for something new.



66.9319, 58.6325, 53.6892



62.6204, 52.3051, 45.1748



63.5430, 69.2141, 104.6183



18.0298, 17.9952, 18.7740



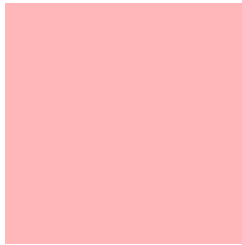
21.5778, 11.1204, 1.1613



2.1078, 1.0855, 0.1491

Previews

White Background



This preview shows how the XYZ color 66.9304, 58.6298, 53.6880 looks on a white background.

Color Contrast Check

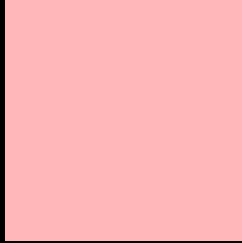
Large Text (above 18pt) WCAG AA × Fail

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 66.9304, 58.6298, 53.6880 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 66.9304, 58.6298, 53.6880

Background



This preview shows how black text looks on a background with the XYZ color 66.9304, 58.6298, 53.6880.



This preview shows how white text looks on a background with the XYZ color 66.9304, 58.6298,

53.6880.

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

66.9304, 58.6298, 53.6880

Protanopia

56.4691, 58.9788, 60.0376

Deuteranopia

60.0573, 58.9431, 53.0115



Tritanopia

67.8183, 58.6560, 59.3771

Trichromacy



Original Color

66.9304, 58.6298, 53.6880

Protanomaly

59.4362, 58.1925, 57.3899

Deuteranomaly

62.5424, 58.8994, 53.4198

Tritanomaly

67.3719, 58.4775, 57.0266

Monochromacy



Original Color

66.9304, 58.6298, 53.6880

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.5907, 59.6977, 61.7554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9304, 58.6298, 53.6880 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 185) }
```

Border

The CSS property to change the border of an element to XYZ 66.9304, 58.6298, 53.6880 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, 185) }
```


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

```
.border{ border-color:rgb(255, 183, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9304, 58.6298, 53.6880 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, 185) }
```

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

```
.background{ background-color: rgb(255,  
183, 185) }
```

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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