

Converting Colors

XYZ(66.1991, 58.3925, 49.6624)

Have a look what the booklet for
XYZ(66.1991, 58.3925, 49.6624)
contains.

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Color

**XYZ(66.2094, 58.3413,
49.8909)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7B2
RGB	255, 183, 178
RGB Percent	100%, 72%, 70%
CMY	0.0000, 0.2823, 0.3020
CMYK	0.00, 0.28, 0.30, 0.00
HSL	4°, 100%, 85%
HSV	4°, 30%, 100%
XYZ	66.2094, 58.3413, 49.8909
YIQ	203.9580, 44.5170, 13.7090

Conversions

Conversions Part 2

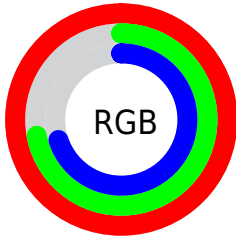
Format	Color
R _Y B	255, 183, 178
Decimal	16758706
CIE Lab	80.93, 25.44, 12.93
CIE LCh	81, 28.535, 26.944
Yxy	58.3413, 0.3796, 0.3344
Android (android.graphics.Color)	4294948786 (0xFFFFB7B2)
YUV	203.9580, -12.7973, 44.7638
Hunter-Lab	76.3815, 21.0607, 14.7400

Details

The XYZ color **66.2094, 58.3413, 49.8909** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.5945, 85.0533, 107.3040**, and the grayscale version is **57.4278, 60.4186, 65.7958**.

A 20% lighter version of the original color is **86.9578, 88.9335, 90.4246**, and **34.7103, 29.3162, 23.2312** is the 20% darker color. If you saturate the color by 10%, you get **59.3750, 48.3961, 36.1335**, and if you desaturate by 10%, it is **74.3556, 70.1482, 66.4347**.

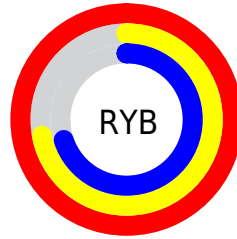
Distribution



Red (100%)

Green (72%)

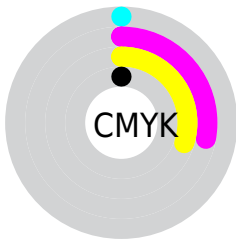
Blue (70%)



Red (100%)

Yellow (72%)

Blue (70%)

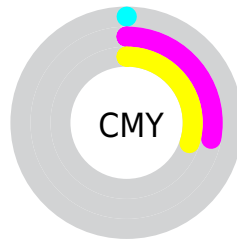


Cyan (0%)

Magenta (28%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2094, 58.3413, 49.8909 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 66.2094, 58.3413, 49.8909 by changing the saturation by 10% instead.

66.2094, 58.3413,
49.8909

66.2094, 58.3413,
49.8909

436.6022,
418.4565, 402.9620

48.7107, 42.0831,
34.9561

112.8429,
102.4197, 91.4078

34.6037, 29.1664,
23.3458

142.7084,
131.0087, 118.8271

23.5228, 19.2067,
14.6414

177.4270,
164.4767, 151.2450

15.1028, 11.8197,
8.4243

217.3639,
203.2082, 189.0800

8.9784, 6.6211,
4.2760

262.8845,
247.5875, 232.7506

4.7841, 3.2263,
1.7779


314.3542,


2.1546, 1.2510,


297.9991, 282.6755


0.4133


372.1383,
354.8273, 339.2731


 0.7186, 0.1028,
0.0000


 0.0000, 0.0000,
0.0000

 66.2094, 58.3413,
49.8909


 66.2094, 58.3413,
49.8909

 59.3750, 48.3961,
36.1335


 74.3556, 70.1482,
66.4347

 53.7797, 40.2101,
25.0060

 83.8727, 83.8964,
85.9029

 49.3504, 33.6831,
16.3416

94.8213, 99.6709,
108.4283

 46.0045, 28.7017,
9.9530

95.0500, 100.0000,
108.9000

■ 43.6484, 25.1382,
5.6263

■ 42.1726, 22.8445,
3.1065

■ 41.4339, 21.6478,
1.9946

Harmonies

Analogous

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



67.5887, 58.3413, 65.2745



66.2094, 58.3413, 49.8909



61.8829, 58.3413, 39.9680

Triad

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



66.2094, 58.3413, 49.8909



46.4636, 58.3413, 47.3764



54.8481, 58.3413, 101.8721

Complementary

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



66.2094, 58.3413, 49.8909



70.5945, 85.0533, 107.3040

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.



49.4822, 58.3413, 94.8854



66.2094, 58.3413, 49.8909



44.8622, 58.3413, 61.8046

Square

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



66.2094, 58.3413, 49.8909



50.4611, 58.3413, 38.7076



45.9273, 58.3413, 79.4381



60.7609, 58.3413, 97.1705

Rectangle

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



66.2094, 58.3413, 49.8909



58.0582, 58.3413, 36.8056



45.9273, 58.3413, 79.4381



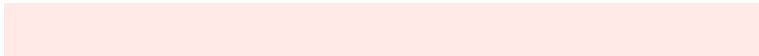
52.9243, 58.3413, 100.7869

Sweetspot

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



66.2108, 58.3440, 49.8921



85.1051, 85.6741, 88.4324



74.5969, 60.0759, 99.0550



17.8955, 17.8755, 18.2705



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.



66.2108, 58.3440, 49.8921



62.0878, 52.3496, 41.5765



74.9614, 75.8451, 52.8089



18.1041, 18.1765, 18.6985



21.6855, 11.3823, 1.0541



2.1431, 1.1716, 0.1132

Inverse Universe

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



70.5945, 85.0533, 107.3040



67.0811, 82.7994, 107.0541



60.1169, 64.0982, 103.8114



18.4478, 20.2673, 23.1896



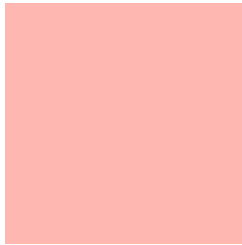
25.5153, 35.9402, 55.0269



2.5136, 3.5579, 5.3675

Previews

White Background



This preview shows how the XYZ color 66.2094, 58.3413, 49.8909 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 66.2094, 58.3413, 49.8909 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 66.2094, 58.3413, 49.8909

Background



This preview shows how black text looks on a background with the XYZ color 66.2094, 58.3413, 49.8909.



This preview shows how white text looks on a background with the XYZ color 66.2094, 58.3413,

49.8909.

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

66.2094, 58.3413, 49.8909

Protanopia

55.8687, 58.7710, 55.4131

Deuteranopia

59.7614, 58.5412, 49.2241



Tritanopia

67.6142, 58.2479, 59.3091

Trichromacy



Original Color

66.2094, 58.3413, 49.8909

Protanomaly

58.9949, 58.0518, 53.4432

Deuteranomaly

61.9459, 58.3520, 49.5931

Tritanomaly

67.1533, 58.3900, 55.8752

Monochromacy



Original Color

66.2094, 58.3413, 49.8909

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

60.0217, 59.1080, 59.8753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2094, 58.3413, 49.8909 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 178) }
```

Border

The CSS property to change the border of an element to XYZ 66.2094, 58.3413, 49.8909 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, 178) }
```


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

```
.border{ border-color:rgb(255, 183, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2094, 58.3413, 49.8909 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, 178) }
```

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

```
.background{ background-color: rgb(255,  
183, 178) }
```

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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