

Converting Colors

XYZ(97.5610, 74.3942, 50.0676)

Have a look what the booklet for
XYZ(97.5610, 74.3942, 50.0676)
contains.

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Color

**XYZ(66.0100, 58.2616,
48.8408)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7B0
RGB	255, 183, 176
RGB Percent	100%, 72%, 69%
CMY	0.0000, 0.2823, 0.3098
CMYK	0.00, 0.28, 0.31, 0.00
HSL	5°, 100%, 85%
HSV	5°, 31%, 100%
XYZ	66.0100, 58.2616, 48.8408
YIQ	203.7300, 45.1590, 13.0870

Conversions

Conversions Part 2

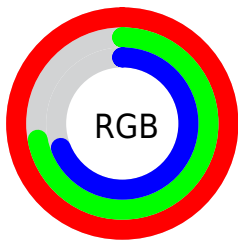
Format	Color
R _Y B	255, 184, 176
Decimal	16758704
CIE Lab	80.88, 25.18, 13.94
CIE LCh	81, 28.785, 28.972
Yxy	58.2616, 0.3813, 0.3366
Android (android.graphics.Color)	4294948784 (0xFFFFB7B0)
YUV	203.7300, -13.6709, 44.9638
Hunter-Lab	76.3293, 20.7916, 15.4926

Details

The XYZ color **66.0100, 58.2616, 48.8408** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.5206, 83.5819, 107.0765**, and the grayscale version is **57.2890, 60.2725, 65.6367**.

A 20% lighter version of the original color is **86.6720, 88.8192, 88.9196**, and **34.6467, 29.2908, 22.8964** is the 20% darker color. If you saturate the color by 10%, you get **59.3161, 48.5393, 35.3090**, and if you desaturate by 10%, it is **73.9721, 69.7615, 65.1346**.

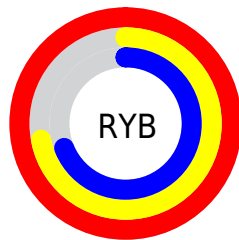
Distribution



Red (100%)

Green (72%)

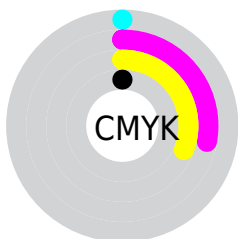
Blue (69%)



Red (100%)

Yellow (72%)

Blue (69%)

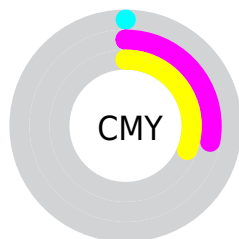


Cyan (0%)

Magenta (28%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0100, 58.2616, 48.8408 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 66.0100, 58.2616, 48.8408 by changing the saturation by 10% instead.


 66.0100, 58.2616,
48.8408

 66.0100, 58.2616,
48.8408


435.9007,
418.1600, 398.7197

 48.5483, 42.0190,
34.1285


 112.5583,
102.3037, 89.8335

 34.4743, 29.1162,
22.7142


142.3756,
130.8720, 116.9510

 23.4228, 19.1687,
14.1793


177.0422,
164.3177, 149.0406

 15.0284, 11.7923,
8.1053

216.9233,
203.0251, 186.5209

 8.9258, 6.6024,
4.0737

262.3843,
247.3786, 229.8104

 4.7495, 3.2147,
1.6658


313.7907,

 2.1343, 1.2448,


297.7627, 279.3277


0.3372


371.5077,
354.5617, 335.4913


 0.7078, 0.0979,
0.0000


 0.0000, 0.0000,
0.0000


 66.0100, 58.2616,
48.8408

 66.0100, 58.2616,
48.8408


 59.3161, 48.5393,
35.3090


 73.9721, 69.7615,
65.1346

 53.8206, 40.4984,
24.3828

 83.2588, 83.1130,
84.3283

 49.4537, 34.0456,
15.8954

 93.9281, 98.3959,
106.5543

 46.1366, 29.0754,
9.6593

95.0500, 100.0000,
108.9000

■ 43.7799, 25.4696,
5.4595

■ 42.2796, 23.0916,
3.0394

■ 41.5387, 21.8575,
2.0296

Harmonies

Analogous

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



67.6321, 58.2616, 64.0270



66.0100, 58.2616, 48.8408



61.4905, 58.2616, 39.2802

Triad

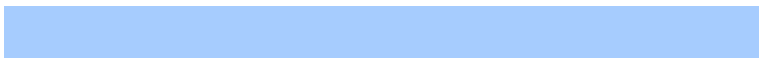
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.0100, 58.2616, 48.8408



46.1316, 58.2616, 47.9900



55.1708, 58.2616, 102.2000

Complementary

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



66.0100, 58.2616, 48.8408



69.5206, 83.5819, 107.0765

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.



49.6807, 58.2616, 95.8931



66.0100, 58.2616, 48.8408



44.6978, 58.2616, 62.8506

Square

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



66.0100, 58.2616, 48.8408



50.0124, 58.2616, 38.8545



45.9500, 58.2616, 80.6850



61.1098, 58.2616, 96.6699

Rectangle

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



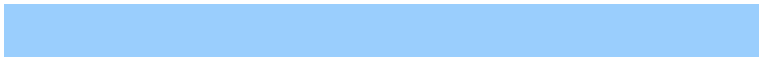
66.0100, 58.2616, 48.8408



57.5953, 58.2616, 36.3855



45.9500, 58.2616, 80.6850



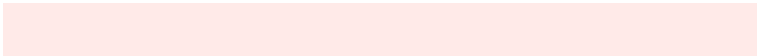
53.2143, 58.2616, 101.3773

Sweetspot

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



66.0114, 58.2643, 48.8420



85.2596, 85.9831, 88.4839



73.7736, 59.1144, 96.6683



17.9332, 17.9509, 18.2830



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.



66.0114, 58.2643, 48.8420



61.8332, 52.2029, 40.3738



75.2202, 76.6818, 51.9115



18.1388, 18.2458, 18.7101



21.7486, 11.5084, 1.0751



2.1595, 1.2043, 0.1186

Inverse Universe

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



69.5206, 83.5819, 107.0765



65.8263, 81.0584, 106.7842



58.7350, 62.0107, 103.4813



18.4090, 20.1896, 23.1767



24.6239, 34.1573, 54.7298



2.4363, 3.4032, 5.3418

Previews

White Background



This preview shows how the XYZ color 66.0100, 58.2616, 48.8408 looks on a white background.

Color Contrast Check

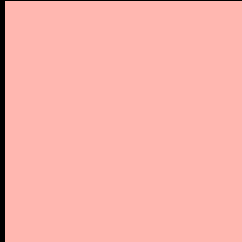
Large Text (above 18pt) WCAG AA × Fail

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 66.0100, 58.2616, 48.8408 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 66.0100, 58.2616, 48.8408

Background



This preview shows how black text looks on a background with the XYZ color 66.0100, 58.2616, 48.8408.



This preview shows how white text looks on a background with the XYZ color 66.0100, 58.2616,

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

66.0100, 58.2616, 48.8408

Protanopia

55.7057, 58.3666, 54.2288

Deuteranopia

59.5649, 58.4626, 48.1894



Tritanopia

67.5015, 58.2028, 58.7155

Trichromacy



Original Color

66.0100, 58.2616, 48.8408

Protanomaly

59.0993, 58.1297, 52.3613

Deuteranomaly

61.7479, 58.2728, 48.5507

Tritanomaly

66.9376, 58.3038, 54.7395

Monochromacy



Original Color

66.0100, 58.2616, 48.8408

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.9090, 59.0629, 59.2817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0100, 58.2616, 48.8408 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 176) }
```

Border

The CSS property to change the border of an element to XYZ 66.0100, 58.2616, 48.8408 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, 176) }
```


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

```
.border{ border-color:rgb(255, 183, 176) }
```

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, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0100, 58.2616, 48.8408 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, 176) }
```

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

```
.background{ background-color: rgb(255,  
183, 176) }
```

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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