

Converting Colors

XYZ(81.1346, 66.0303, 50.9165)

Have a look what the booklet for
XYZ(81.1346, 66.0303, 50.9165)
contains.

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Color

**XYZ(66.3102, 58.3816,
50.4217)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7B3
RGB	255, 183, 179
RGB Percent	100%, 72%, 70%
CMY	0.0000, 0.2823, 0.2980
CMYK	0.00, 0.28, 0.30, 0.00
HSL	3°, 100%, 85%
HSV	3°, 30%, 100%
XYZ	66.3102, 58.3816, 50.4217
YIQ	204.0720, 44.1960, 14.0200

Conversions

Conversions Part 2

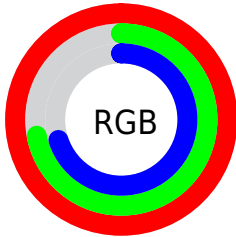
Format	Color
R _Y B	255, 183, 179
Decimal	16758707
CIE Lab	80.95, 25.57, 12.42
CIE LCh	81, 28.425, 25.916
Yxy	58.3816, 0.3787, 0.3334
Android (android.graphics.Color)	4294948787 (0xFFFFB7B3)
YUV	204.0720, -12.3605, 44.6639
Hunter-Lab	76.4079, 21.1967, 14.3599

Details

The XYZ color **66.3102, 58.3816, 50.4217** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1364, 85.7952, 107.4186**, and the grayscale version is **57.4974, 60.4917, 65.8755**.

A 20% lighter version of the original color is **87.1019, 88.9912, 91.1835**, and **34.7745, 29.3419, 23.5694** is the 20% darker color. If you saturate the color by 10%, you get **59.4036, 48.3212, 36.5506**, and if you desaturate by 10%, it is **74.5516, 70.3482, 67.0918**.

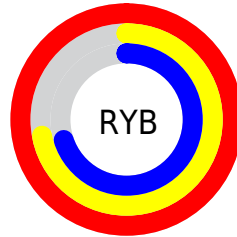
Distribution



Red (100%)

Green (72%)

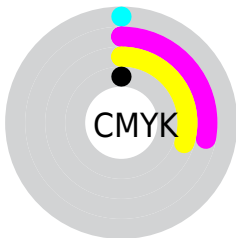
Blue (70%)



Red (100%)

Yellow (72%)

Blue (70%)

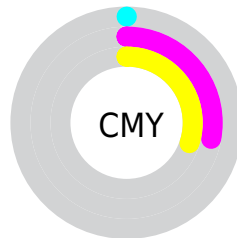


Cyan (0%)

Magenta (28%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3102, 58.3816, 50.4217 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 66.3102, 58.3816, 50.4217 by changing the saturation by 10% instead.


 66.3102, 58.3816,
50.4217

 66.3102, 58.3816,
50.4217

436.9566,
418.6064, 405.0950

 48.7929, 42.1155,
35.3751


 112.9867,
102.4783, 92.2021

 34.6691, 29.1917,
23.6661


142.8766,
131.0778, 119.7729

 23.5734, 19.2259,
14.8762


177.6214,
164.5572, 152.3556

 15.1405, 11.8336,
8.5869

217.5865,
203.3008, 190.3686

 9.0050, 6.6305,
4.3796

263.1372,
247.6932, 234.2305

 4.8016, 3.2321,
1.8358

314.6389,

 2.1649, 1.2541,

298.1186, 284.3598

0.4514

372.4569,
354.9615, 341.1752

■ 0.7241, 0.1052,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.3102, 58.3816,
50.4217

■ 66.3102, 58.3816,
50.4217

■ 59.4036, 48.3212,
36.5506

■ 74.5516, 70.3482,
67.0918

■ 53.7577, 40.0612,
25.3218

■ 84.1883, 84.3037,
86.6990

■ 49.2973, 33.4975,
16.5686

95.0500, 100.0000,
108.9000

■ 45.9379, 28.5125,
10.1037

■ 43.5835, 24.9732,
5.7135

■ 42.1218, 22.7252,
3.1437

■ 41.3986, 21.5728,
1.9964

■ 41.3896, 21.5592,
1.9799

Harmonies

Analogous

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



67.5680, 58.3816, 65.9051



66.3102, 58.3816, 50.4217



62.0805, 58.3816, 40.3146

Triad

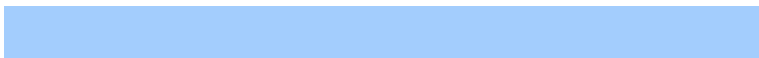
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.3102, 58.3816, 50.4217



46.6303, 58.3816, 47.0712



54.6875, 58.3816, 101.7108

Complementary

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



66.3102, 58.3816, 50.4217



71.1364, 85.7952, 107.4186

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.



49.3832, 58.3816, 94.3860



66.3102, 58.3816, 50.4217



44.9445, 58.3816, 61.2861

Square

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



66.3102, 58.3816, 50.4217



50.6867, 58.3816, 38.6338



45.9159, 58.3816, 78.8203



60.5874, 58.3816, 97.4237

Rectangle

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



66.3102, 58.3816, 50.4217



58.2912, 58.3816, 37.0164



45.9159, 58.3816, 78.8203



52.7799, 58.3816, 100.4948

Sweetspot

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



66.3116, 58.3843, 50.4229



85.0250, 85.5138, 88.4057



74.8045, 60.4784, 99.1631



17.8760, 17.8365, 18.2640



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.



66.3116, 58.3843, 50.4229



61.8784, 51.9306, 41.5066



75.1807, 76.1224, 53.3792



18.0862, 18.1405, 18.6926



21.6582, 11.3276, 1.0449



2.1346, 1.1546, 0.1103

Inverse Universe

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



71.1364, 85.7952, 107.4186



67.4314, 83.4999, 107.1708



60.4855, 64.4934, 103.8683



18.4680, 20.3077, 23.1964



25.9904, 36.8903, 55.1853



2.5547, 3.6401, 5.3812

Previews

White Background



This preview shows how the XYZ color 66.3102, 58.3816, 50.4217 looks on a white background.

Color Contrast Check

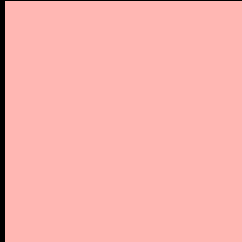
Large Text (above 18pt) WCAG AA × Fail

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 66.3102, 58.3816, 50.4217 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 66.3102, 58.3816, 50.4217

Background



This preview shows how black text looks on a background with the XYZ color 66.3102, 58.3816, 50.4217.



This preview shows how white text looks on a background with the XYZ color 66.3102, 58.3816,

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

66.3102, 58.3816, 50.4217

Protanopia

55.9762, 58.8140, 55.9789

Deuteranopia

59.8607, 58.5809, 49.7472



Tritanopia

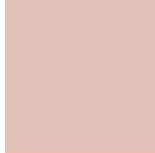
67.6142, 58.2479, 59.3091

Trichromacy



Original Color

66.3102, 58.3816, 50.4217



Protanomaly

59.1001, 58.0939, 53.9973



Deuteranomaly

62.0459, 58.3920, 50.1201



Tritanomaly

67.1533, 58.3900, 55.8752

Monochromacy



Original Color

66.3102, 58.3816, 50.4217



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 66.3102, 58.3816, 50.4217 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 179) }
```

Border

The CSS property to change the border of an element to XYZ 66.3102, 58.3816, 50.4217 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, 179) }
```


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

```
.border{ border-color:rgb(255, 183, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3102, 58.3816, 50.4217 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, 179) }
```

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

```
.background{ background-color: rgb(255,  
183, 179) }
```

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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