

Converting Colors

XYZ(58.4232, 50.0332, 40.8105)

Have a look what the booklet for
XYZ(58.4232, 50.0332, 40.8105)
contains.

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Color

**XYZ(58.5303, 50.2067,
40.7884)**

Conversions

Conversions Part 1

Format	Color
Hex	F6A8A2
RGB	246, 168, 162
RGB Percent	96%, 66%, 64%
CMY	0.0353, 0.3412, 0.3647
CMYK	0.00, 0.32, 0.34, 0.04
HSL	4°, 82%, 80%
HSV	4°, 34%, 96%
XYZ	58.5303, 50.2067, 40.7884
YIQ	190.6380, 48.4140, 14.6700

Conversions

Conversions Part 2

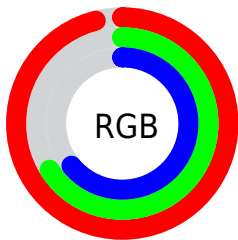
Format	Color
R _Y B	246, 168, 162
Decimal	16165026
CIE Lab	76.20, 27.99, 14.78
CIE LCh	76, 31.655, 27.842
Yxy	50.2067, 0.3914, 0.3358
Android (android.graphics.Color)	4294355106 (0xFFF6A8A2)
YUV	190.6380, -14.1185, 48.5525
Hunter-Lab	70.8567, 23.4485, 15.4696

Details

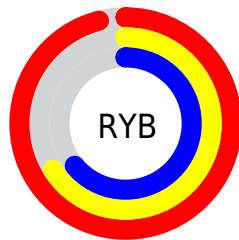
The XYZ color **58.5303, 50.2067, 40.7884** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.6939, 76.6528, 98.6802**, and the grayscale version is **49.3723, 51.9435, 56.5665**.

A 20% lighter version of the original color is **80.4200, 79.5811, 76.7677**, and **29.6842, 24.0786, 17.8350** is the 20% darker color. If you saturate the color by 10%, you get **52.7009, 41.7118, 29.0916**, and if you desaturate by 10%, it is **65.5307, 60.3589, 54.9868**.

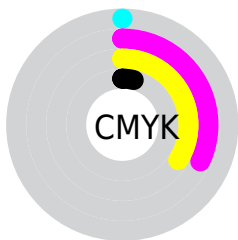
Distribution



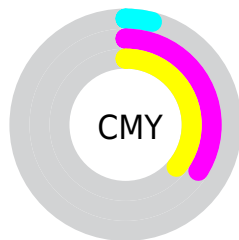
- Red (96%)
- Green (66%)
- Blue (64%)



- Red (96%)
- Yellow (66%)
- Blue (64%)



- Cyan (0%)
- Magenta (32%)
- Yellow (34%)
- Black (4%)





- Cyan (4%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5303, 50.2067, 40.7884 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 58.5303, 50.2067, 40.7884 by changing the saturation by 10% instead.


 58.5303, 50.2067,
40.7884


 58.5303, 50.2067,
40.7884


409.0811,
387.4737, 365.0859

 42.4800, 35.5777,
27.8353

 101.8132, 90.4811,
77.6127

 29.6701, 24.1082,
17.9636


 129.7766,
116.8952, 102.3211

 19.7352, 15.4139,
10.7547


162.4417,
148.0064, 131.7850

 12.3098, 9.1104,
5.7900


200.1740,
184.1992, 166.4229

 7.0287, 4.8133,
2.6511

243.3387,
225.8580, 206.6534

 3.5266, 2.1381,
0.9187

292.3012,

 1.4380, 0.6859,

273.3670, 252.8950

0.0000

347.4269,
327.1108, 305.5664

■ 0.2830, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5303, 50.2067,
40.7884

■ 58.5303, 50.2067,
40.7884

■ 52.7009, 41.7118,
29.0916

■ 65.5307, 60.3589,
54.9868

■ 47.9749, 34.7793,
19.7487

■ 73.7572, 72.2420,
71.8171

■ 44.2836, 29.3161,
12.6008

■ 83.2660, 85.9343,
91.4041

■ 41.5490, 25.2161,
7.4685

■ 91.8161, 98.3329,
108.7487

■ 39.6822, 22.3590,
4.1438

■ 38.5770, 20.6035,
2.3735

■ 38.2158, 20.0122,
1.8485

Harmonies

Analogous

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



60.0465, 50.2067, 55.9056



58.5303, 50.2067, 40.7884



54.0505, 50.2067, 31.4174

Triad

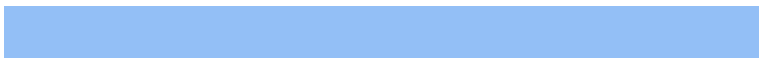
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.5303, 50.2067, 40.7884



38.7023, 50.2067, 39.0611



47.2918, 50.2067, 94.2274

Complementary

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



58.5303, 50.2067, 40.7884



62.6939, 76.6528, 98.6802

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.



41.9041, 50.2067, 87.2381



58.5303, 50.2067, 40.7884



37.2075, 50.2067, 53.4459

Square

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



58.5303, 50.2067, 40.7884



42.5898, 50.2067, 30.5750



38.3301, 50.2067, 71.3819



53.2464, 50.2067, 88.9283

Rectangle

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



58.5303, 50.2067, 40.7884



50.1622, 50.2067, 28.5522



38.3301, 50.2067, 71.3819



45.3583, 50.2067, 93.2113

Sweetspot

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



58.5316, 50.2091, 40.7894



84.1192, 84.2779, 86.3290



66.7144, 51.7491, 89.2226



17.7008, 17.6007, 17.8520



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.



58.5316, 50.2091, 40.7894



58.9952, 47.9043, 35.1816



67.4760, 68.0978, 43.7708



16.5943, 16.6726, 17.1411



20.4340, 10.7537, 0.9987



1.8285, 1.0102, 0.0986

Inverse Universe

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



62.6939, 76.6528, 98.6802



64.1325, 80.5905, 106.7831



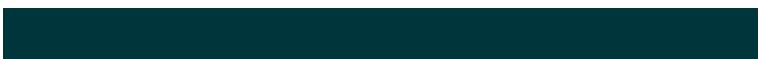
51.8210, 54.9070, 95.0559



16.8894, 18.5430, 21.2316



23.7923, 33.3783, 51.7267



2.1209, 2.9932, 4.5562

Previews

White Background



This preview shows how the XYZ color 58.5303, 50.2067, 40.7884 looks on a white background.

Color Contrast Check

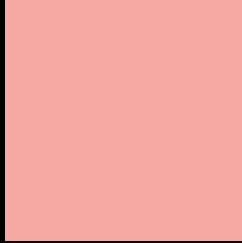
Large Text (above 18pt) WCAG AA × Fail

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 58.5303, 50.2067, 40.7884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

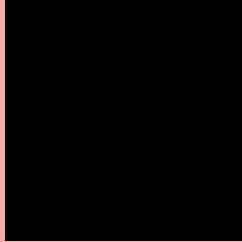
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5303, 50.2067, 40.7884

Background



This preview shows how black text looks on a background with the XYZ color 58.5303, 50.2067, 40.7884.



This preview shows how white text looks on a background with the XYZ color 58.5303, 50.2067,

40.7884.

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

58.5303, 50.2067, 40.7884

Protanopia

47.9353, 50.5471, 46.2598

Deuteranopia

51.4843, 50.3375, 40.2603



Tritanopia

60.3835, 50.4432, 48.6734

Trichromacy



Original Color

58.5303, 50.2067, 40.7884

Protanomaly

51.3233, 50.1710, 44.0247

Deuteranomaly

53.9533, 50.1179, 40.5483

Tritanomaly

59.6229, 50.3901, 45.6135

Monochromacy



Original Color

58.5303, 50.2067, 40.7884

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.0357, 51.0111, 50.2836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5303, 50.2067, 40.7884 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(246, 168, 162)` looks like.

```
.text, #text, p{  
    color:rgb(246, 168, 162)  
}
```

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(246, 168, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 168, 162) }
```

Border

The CSS property to change the border of an element to XYZ 58.5303, 50.2067, 40.7884 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(246, 168, 162) }
```


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

```
.border{ border-color:rgb(246, 168, 162) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(246, 168, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 168, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 168, 162); box-shadow:4px 4px 4px 4px rgb(246, 168, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5303, 50.2067, 40.7884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 168, 162) }
```

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

```
.background{ background-color: rgb(246,  
168, 162) }
```

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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