

Converting Colors

XYZ(58.3148, 52.3965, 39.3878)

Have a look what the booklet for
XYZ(58.3148, 52.3965, 39.3878)
contains.

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Color

**XYZ(58.3148, 52.3965,
39.3878)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B09E
RGB	242, 176, 158
RGB Percent	95%, 69%, 62%
CMY	0.0510, 0.3098, 0.3804
CMYK	0.00, 0.27, 0.35, 0.05
HSL	13°, 76%, 78%
HSV	13°, 35%, 95%
XYZ	58.3148, 52.3965, 39.3878
YIQ	193.6820, 45.1140, 8.3940

Conversions

Conversions Part 2

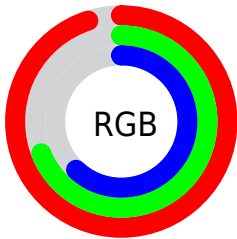
Format	Color
R _Y B	242, 181, 158
Decimal	15904926
CIE Lab	77.52, 21.77, 18.73
CIE LCh	78, 28.721, 40.707
Yxy	52.3965, 0.3885, 0.3491
Android (android.graphics.Color)	4294095006 (0xFFFF2B09E)
YUV	193.6820, -17.5912, 42.3749
Hunter-Lab	72.3854, 17.1278, 18.4077

Details

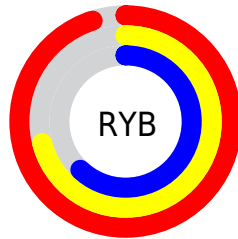
The XYZ color **58.3148, 52.3965, 39.3878** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.7822, 66.9888, 93.9418**, and the grayscale version is **51.1733, 53.8383, 58.6299**.

A 20% lighter version of the original color is **82.1069, 83.7773, 74.7939**, and **29.5040, 25.4178, 17.2610** is the 20% darker color. If you saturate the color by 10%, you get **52.9630, 44.7046, 28.3191**, and if you desaturate by 10%, it is **64.6016, 61.3017, 52.7928**.

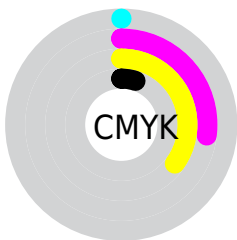
Distribution



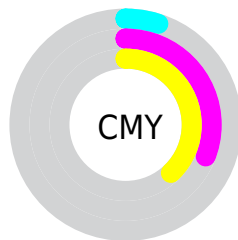
- Red (95%)
- Green (69%)
- Blue (62%)



- Red (95%)
- Yellow (71%)
- Blue (62%)



- Cyan (0%)
- Magenta (27%)
- Yellow (35%)
- Black (5%)



- Cyan (5%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3148, 52.3965, 39.3878 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 58.3148, 52.3965, 39.3878 by changing the saturation by 10% instead.


 58.3148, 52.3965,
39.3878

 58.3148, 52.3965,
39.3878


408.2929,
395.9654, 359.0115

 42.3060, 37.3212,
26.7514

 101.5015, 93.7157,
75.4572

 29.5331, 25.4563,
17.1558


 129.4101,
120.7285, 99.7273

 19.6308, 16.4173,
10.1825

162.0160,
152.4891, 128.7124

 12.2337, 9.8199,
5.4130

199.6846,
189.3821, 162.8310

 6.9764, 5.2797,
2.4286

242.7812,
231.7919, 202.5017

 3.4935, 2.4123,
0.8020

291.6713,

 1.4198, 0.8322,

280.1027, 248.1430

0.0000

346.7200,
334.6991, 300.1734

■ 0.2703, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3148, 52.3965,
39.3878

■ 58.3148, 52.3965,
39.3878

■ 52.9630, 44.7046,
28.3191

■ 64.6016, 61.3017,
52.7928

■ 48.4964, 38.1657,
19.4490

■ 71.8620, 71.4623,
68.6546

■ 44.8666, 32.7255,
12.6301

■ 80.1371, 82.9274,
87.0894

■ 42.0185, 28.3220,
7.6955

■ 89.4645, 95.7414,
108.2049

■ 39.8900, 24.8871,
4.4516

■ 90.4279, 97.6172,
108.6837

■ 38.4081, 22.3433,
2.6625

■ 37.8402, 21.3218,
2.1211

Harmonies

Analogous

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



61.0107, 52.3965, 51.5722



58.3148, 52.3965, 39.3878



53.4020, 52.3965, 32.8423

Triad

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



58.3148, 52.3965, 39.3878



40.4143, 52.3965, 47.5590



51.8053, 52.3965, 92.5568

Complementary

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



58.3148, 52.3965, 39.3878



56.7822, 66.9888, 93.9418

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.



46.3662, 52.3965, 90.9352



58.3148, 52.3965, 39.3878



40.0565, 52.3965, 62.9045

Square

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



58.3148, 52.3965, 39.3878



43.1762, 52.3965, 36.9200



42.1596, 52.3965, 79.3339



57.0717, 52.3965, 83.4234

Rectangle

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



58.3148, 52.3965, 39.3878



49.6701, 52.3965, 31.6732



42.1596, 52.3965, 79.3339



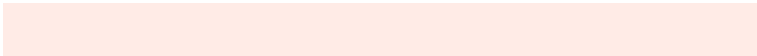
49.9327, 52.3965, 93.2884

Sweetspot

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



58.3162, 52.3990, 39.3888



85.1513, 86.3422, 86.6731



62.4630, 48.7786, 77.5006



17.9484, 18.0959, 17.9346



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.



58.3162, 52.3990, 39.3888



61.1132, 52.4665, 34.8815



67.5511, 70.8688, 42.4671



16.0474, 16.3079, 16.4517



20.4087, 11.6154, 1.1663



1.7683, 1.1072, 0.1205

Inverse Universe

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



56.7822, 66.9888, 93.9418



59.1136, 71.2444, 105.2437



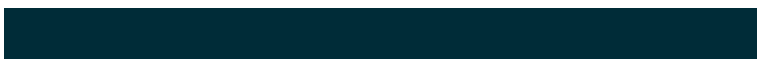
47.1028, 47.6300, 90.7153



15.9431, 17.3203, 20.2245



18.6204, 23.4651, 48.6757



1.6197, 2.0935, 4.0729

Previews

White Background



This preview shows how the XYZ color 58.3148, 52.3965, 39.3878 looks on a white background.

Color Contrast Check

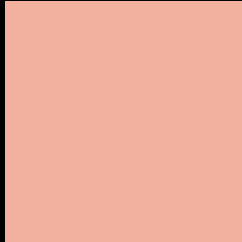
Large Text (above 18pt) WCAG AA × Fail

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 58.3148, 52.3965, 39.3878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

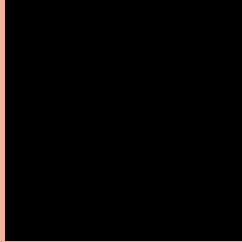
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3148, 52.3965, 39.3878

Background



This preview shows how black text looks on a background with the XYZ color 58.3148, 52.3965, 39.3878.



This preview shows how white text looks on a background with the XYZ color 58.3148, 52.3965,

39.3878.

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

58.3148, 52.3965, 39.3878

Protanopia

49.6011, 52.4323, 43.5826

Deuteranopia

53.5727, 52.3693, 38.7372



Tritanopia

61.1657, 52.4203, 52.7933

Trichromacy



Original Color

58.3148, 52.3965, 39.3878

Protanomaly

52.4887, 52.3611, 41.9906

Deuteranomaly

55.2428, 52.3051, 39.0826

Tritanomaly

59.9897, 52.2154, 47.4742

Monochromacy



Original Color

58.3148, 52.3965, 39.3878

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.9748, 52.7257, 51.1011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3148, 52.3965, 39.3878 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(242, 176, 158)` looks like.

```
.text, #text, p{  
    color:rgb(242, 176, 158)  
}
```

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(242, 176, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 176, 158) }
```

Border

The CSS property to change the border of an element to XYZ 58.3148, 52.3965, 39.3878 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(242, 176, 158) }
```


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

```
.border{ border-color:rgb(242, 176, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 176, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 176, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 176, 158);  
box-shadow:4px 4px 4px 4px rgb(242, 176,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3148, 52.3965, 39.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 176, 158) }
```

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

```
.background{ background-color: rgb(242,  
176, 158) }
```

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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