

Converting Colors

XYZ(48.6134, 47.4801, 38.9463)

Have a look what the booklet for
XYZ(48.6134, 47.4801, 38.9463)
contains.

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Color

**XYZ(48.5609, 47.3682,
38.9313)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B09E
RGB	211, 176, 158
RGB Percent	83%, 69%, 62%
CMY	0.1725, 0.3098, 0.3804
CMYK	0.00, 0.17, 0.25, 0.17
HSL	20°, 38%, 72%
HSV	20°, 25%, 83%
XYZ	48.5609, 47.3682, 38.9313
YIQ	184.4130, 26.6380, 1.8220

Conversions

Conversions Part 2

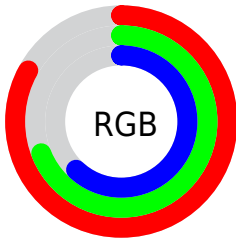
Format	Color
RYB	211, 185, 158
Decimal	13873310
CIELab	74.42, 9.96, 13.95
CIELCh	74, 17.140, 54.490
Yxy	47.3682, 0.3601, 0.3512
Android (android.graphics.Color)	4292063390 (0xFFD3B09E)
YUV	184.4130, -13.0216, 23.3168
Hunter-Lab	68.8246, 5.5022, 14.6392

Details

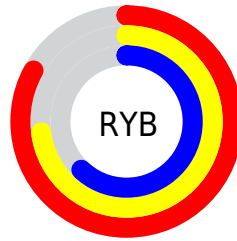
The XYZ color **48.5609, 47.3682, 38.9313** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9280, 50.1108, 68.9327**, and the grayscale version is **45.8489, 48.2366, 52.5297**.

A 20% lighter version of the original color is **82.1069, 83.7773, 74.7939**, and **23.4471, 22.2954, 16.9776** is the 20% darker color. If you saturate the color by 10%, you get **44.3056, 41.5186, 29.3086**, and if you desaturate by 10%, it is **53.4110, 53.9076, 50.2918**.

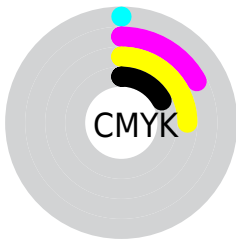
Distribution



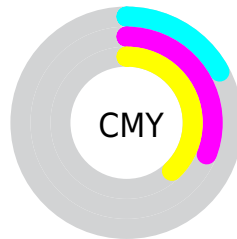
- Red (83%)
- Green (69%)
- Blue (62%)



- Red (83%)
- Yellow (73%)
- Blue (62%)



- Cyan (0%)
- Magenta (17%)
- Yellow (25%)
- Black (17%)





- Cyan (17%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5609, 47.3682, 38.9313 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 48.5609, 47.3682, 38.9313 by changing the saturation by 10% instead.


 48.5609, 47.3682,
38.9313


 48.5609, 47.3682,
38.9313


371.5568,
376.2823, 357.0156

 34.4844, 33.3268,
26.3989


 87.2436, 86.2630,
74.7525

 23.4306, 22.3769,
16.8938


 112.5805,
111.8852, 98.8784

 15.0342, 14.1341,
9.9977


142.4015,
142.1364, 127.7059

 8.9299, 8.2140,
5.2918

177.0721,
177.4011, 161.6534

 4.7522, 4.2322,
2.3578

216.9576,
218.0636, 201.1397

 2.1359, 1.8043,
0.7633

262.4233,

 0.7086, 0.4898,

264.5084, 246.5830

0.0000

313.8346,
317.1199, 298.4022

■ 0.0000, 0.0000,
0.0000

■ 48.5609, 47.3682,
38.9313

■ 48.5609, 47.3682,
38.9313

■ 44.3056, 41.5186,
29.3086

■ 53.4110, 53.9076,
50.2918

■ 40.6169, 36.3292,
21.3340

■ 58.8750, 61.1524,
63.4677

■ 37.4700, 31.7776,
14.9142

■ 64.9756, 69.1258,
78.5355

■ 34.8365, 27.8374,
9.9454

■ 71.7335, 77.8478,
95.5664

■ 32.6848, 24.4805,
6.3108

■ 77.7687, 86.7780,
107.2587

■ 30.9796, 21.6758,
3.8752

■ 80.6741, 92.5890,
108.2272

■ 29.6791, 19.3886,
2.4739

■ 29.1607, 18.4421,
2.0227

Harmonies

Analogous

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



50.6465, 47.3682, 44.8409



48.5609, 47.3682, 38.9313



45.5948, 47.3682, 36.4293

Triad

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



48.5609, 47.3682, 38.9313



39.3649, 47.3682, 49.9598



47.5294, 47.3682, 68.6565

Complementary

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



48.5609, 47.3682, 38.9313



44.9280, 50.1108, 68.9327

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.



44.4541, 47.3682, 70.4283



48.5609, 47.3682, 38.9313



39.8303, 47.3682, 58.9536

Square

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



48.5609, 47.3682, 38.9313



40.3581, 47.3682, 42.3130



41.6595, 47.3682, 66.6989



50.0321, 47.3682, 62.1008

Rectangle

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



48.5609, 47.3682, 38.9313



43.5522, 47.3682, 36.7973



41.6595, 47.3682, 66.6989



46.5246, 47.3682, 69.8606

Sweetspot

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



48.5622, 47.3704, 38.9323



87.7900, 90.4598, 91.1281



48.7542, 42.1683, 56.2174



18.5137, 18.9956, 18.8351



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.



48.5622, 47.3704, 38.9323



71.0350, 67.9122, 51.7476



54.1956, 58.6372, 40.8101



12.1323, 12.4553, 12.3767



17.6840, 11.3011, 1.2493



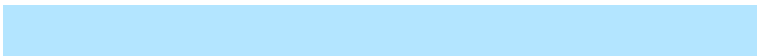
1.0617, 0.7776, 0.0941

Inverse Universe

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



44.9280, 50.1108, 68.9327



64.5479, 72.7900, 105.2556



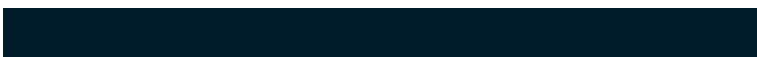
39.6472, 39.5493, 67.1725



11.8061, 12.7025, 15.0732



12.7943, 14.2352, 39.2658



0.7873, 0.9398, 2.2195

Previews

White Background



This preview shows how the XYZ color 48.5609, 47.3682, 38.9313 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 48.5609, 47.3682, 38.9313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

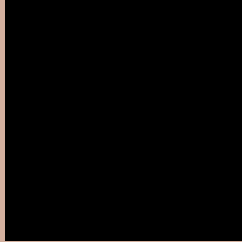
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5609, 47.3682, 38.9313

Background



This preview shows how black text looks on a background with the XYZ color 48.5609, 47.3682, 38.9313.



This preview shows how white text looks on a background with the XYZ color 48.5609, 47.3682,

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

48.5609, 47.3682, 38.9313

Protanopia

45.1047, 47.6466, 40.5377

Deuteranopia

48.2752, 47.2209, 38.9179



Tritanopia

51.2410, 47.3040, 52.3288

Trichromacy



Original Color

48.5609, 47.3682, 38.9313

Protanomaly

46.2196, 47.3227, 39.9559

Deuteranomaly

48.2752, 47.2209, 38.9179

Tritanomaly

50.1220, 47.1284, 47.0124

Monochromacy



Original Color

48.5609, 47.3682, 38.9313

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.5099, 47.6122, 47.2962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5609, 47.3682, 38.9313 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(211, 176, 158)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 176, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 176, 158) }
```

Border

The CSS property to change the border of an element to XYZ 48.5609, 47.3682, 38.9313 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(211, 176, 158) }
```


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

```
.border{ border-color:rgb(211, 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(211, 176, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 176, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 176, 158);  
box-shadow:4px 4px 4px 4px rgb(211, 176,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5609, 47.3682, 38.9313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 176, 158) }
```

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

```
.background{ background-color: rgb(211,  
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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