

# Converting Colors

XYZ(48.3839, 45.2916, 38.5398)

Have a look what the booklet for  
XYZ(48.3839, 45.2916, 38.5398)  
contains.

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# Color

**XYZ(48.3839, 45.2916,  
38.5398)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7A99E
RGB	215, 169, 158
RGB Percent	84%, 66%, 62%
CMY	0.1569, 0.3372, 0.3804
CMYK	0.00, 0.21, 0.27, 0.16
HSL	12°, 42%, 73%
HSV	12°, 27%, 84%
XYZ	48.3839, 45.2916, 38.5398
YIQ	181.5000, 30.9470, 6.3310

# Conversions

## Conversions Part 2

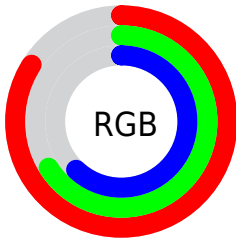
Format	Color
R <sub>Y</sub> B	215, 172, 158
Decimal	14133662
CIE Lab	73.08, 15.25, 12.12
CIE LCh	73, 19.478, 38.469
Yxy	45.2916, 0.3659, 0.3426
Android (android.graphics.Color)	4292323742 (0xFFD7A99E)
YUV	181.5000, -11.5855, 29.3795
Hunter-Lab	67.2990, 10.5573, 13.1560

# Details

The XYZ color **48.3839, 45.2916, 38.5398** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.9587, 55.3597, 72.4482**, and the grayscale version is **44.2418, 46.5458, 50.6884**.

A 20% lighter version of the original color is **79.9059, 79.3754, 74.0603**, and **23.3132, 21.1550, 16.7645** is the 20% darker color. If you saturate the color by 10%, you get **43.6766, 38.5839, 28.6252**, and if you desaturate by 10%, it is **53.8457, 52.9896, 50.3042**.

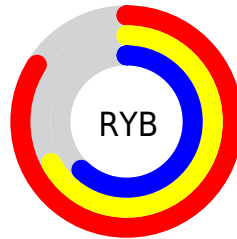
# Distribution



Red (84%)

Green (66%)

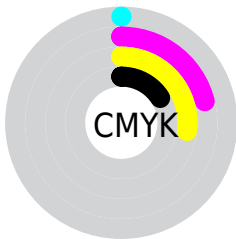
Blue (62%)



Red (84%)

Yellow (67%)

Blue (62%)

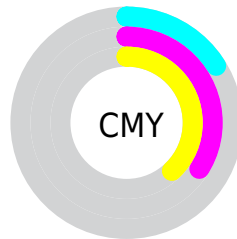


Cyan (0%)

Magenta (21%)

Yellow (27%)

Black (16%)



Cyan (16%)

Magenta (34%)


Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3839, 45.2916, 38.5398 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 48.3839, 45.2916, 38.5398 by changing the saturation by 10% instead.





 48.3839, 45.2916,  
38.5398


 48.3839, 45.2916,  
38.5398


370.8691,  
367.9533, 355.2973

 34.3435, 31.6872,  
26.0968


 86.9820, 83.1578,  
74.1473

 23.3218, 21.1227,  
16.6697


 112.2703,  
108.1884, 98.1490

 14.9533, 13.2137,  
9.8398


142.0388,  
137.7965, 126.8406

 8.8727, 7.5759,  
5.1887

176.6526,  
172.3665, 160.6408

 4.7147, 3.8248,  
2.2977

216.4772,  
212.2827, 199.9680

 2.1139, 1.5760,  
0.7299

261.8779,

 0.6967, 0.3414,

257.9297, 245.2408

0.0000

313.2201,  
309.6917, 296.8777

■ 0.0000, 0.0000,  
0.0000

■ 48.3839, 45.2916,  
38.5398

■ 48.3839, 45.2916,  
38.5398

■ 43.6766, 38.5839,  
28.6252

■ 53.8457, 52.9896,  
50.3042

■ 39.6866, 32.8200,  
20.4632

■ 60.0899, 61.7094,  
64.0033

■ 36.3788, 27.9589,  
13.9519

■ 67.1472, 71.4891,  
79.7199

■ 33.7139, 23.9543,  
8.9778

■ 75.0458, 82.3628,  
97.5315

■ 31.6479, 20.7554,  
5.4128

■ 81.8345, 93.1872,  
108.2815

■ 30.1314, 18.3060,  
3.1078

■ 29.1046, 16.5416,  
1.8743

■ 28.8351, 16.0683,  
1.5817

# Harmonies

## Analogous

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



49.8586, 45.2916, 46.6030



48.3839, 45.2916, 38.5398



45.4976, 45.2916, 33.8400

# Triad

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



48.3839, 45.2916, 38.5398



37.2374, 45.2916, 42.7446



44.0203, 45.2916, 70.2973

# Complementary

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



48.3839, 45.2916, 38.5398



47.9587, 55.3597, 72.4482

# 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.



40.6885, 45.2916, 68.9074



48.3839, 45.2916, 38.5398



36.8883, 45.2916, 52.1299

# Square

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



48.3839, 45.2916, 38.5398



39.1002, 45.2916, 36.0355



38.1201, 45.2916, 61.9315



47.2537, 45.2916, 65.5113



# Rectangle

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



48.3839, 45.2916, 38.5398



43.2236, 45.2916, 32.8368



38.1201, 45.2916, 61.9315



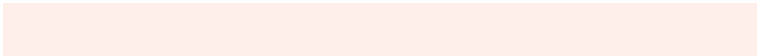
42.8735, 45.2916, 70.5482

# Sweetspot

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



48.3851, 45.2937, 38.5407



86.9091, 88.6981, 90.8344



51.2169, 43.2874, 63.1296



18.2932, 18.5545, 18.7616



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.



48.3851, 45.2937, 38.5407



67.0522, 60.7537, 47.9310



54.1513, 56.8260, 40.4628



12.6154, 12.8050, 12.9674



17.3053, 9.7279, 0.9656



1.1018, 0.7029, 0.0776

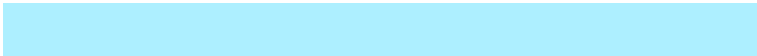


# Inverse Universe

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



47.9587, 55.3597, 72.4482



66.3110, 78.0276, 106.1736



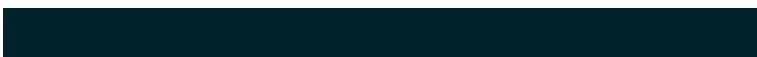
41.9020, 43.2463, 70.4293



12.5790, 13.6814, 15.9153



16.4058, 21.0733, 41.6560



1.0430, 1.3780, 2.5303



# Previews

## White Background



This preview shows how the XYZ color 48.3839, 45.2916, 38.5398 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 48.3839, 45.2916, 38.5398 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

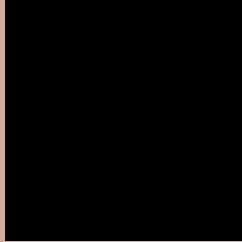
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 48.3839, 45.2916, 38.5398**

## **Background**



This preview shows how black text looks on a background with the XYZ color 48.3839, 45.2916, 38.5398.



This preview shows how white text looks on a background with the XYZ color 48.3839, 45.2916,



# 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

48.3839, 45.2916, 38.5398

### Protanopia

43.2245, 45.4493, 41.1448

### Deuteranopia

46.2062, 45.3006, 38.2068



## Tritanopia

50.3882, 45.2788, 48.7318

# Trichromacy



## Original Color

48.3839, 45.2916, 38.5398

## Protanomaly

44.7890, 45.1035, 40.0634

## Deuteranomaly

47.1328, 45.4947, 38.1955

## Tritanomaly

49.4883, 45.1766, 44.6397

# Monochromacy



## Original Color

48.3839, 45.2916, 38.5398

## Achromatopsia

44.4628, 46.7784, 50.9417

## Achromatomaly

45.5131, 45.9307, 46.0019

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 48.3839, 45.2916, 38.5398 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(215, 169, 158)` looks like.

```
.text, #text, p{  
    color:rgb(215, 169, 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(215, 169, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 169, 158) }
```

## Border

The CSS property to change the border of an element to XYZ 48.3839, 45.2916, 38.5398 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".

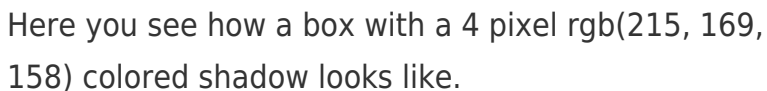
```
.border, #border, table{ border:4px solid rgb(215, 169, 158) }
```



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

```
.border{ border-color:rgb(215, 169, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 169, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 169, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 169, 158);  
box-shadow:4px 4px 4px 4px rgb(215, 169,  
158) }
```

# Background

The CSS property to change the background color of an element to XYZ 48.3839, 45.2916, 38.5398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 169, 158) }
```

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

```
.background{ background-color: rgb(215,  
169, 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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