

Converting Colors

XYZ(48.1272, 44.0453, 39.2380)

Have a look what the booklet for
XYZ(48.1272, 44.0453, 39.2380)
contains.

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Color

**XYZ(48.1192, 44.0473,
39.2235)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A5A0
RGB	216, 165, 160
RGB Percent	85%, 65%, 63%
CMY	0.1529, 0.3529, 0.3725
CMYK	0.00, 0.24, 0.26, 0.15
HSL	5°, 42%, 74%
HSV	5°, 26%, 85%
XYZ	48.1192, 44.0473, 39.2235
YIQ	179.6790, 32.0010, 9.2570

Conversions

Conversions Part 2

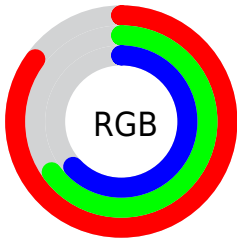
Format	Color
R _Y B	216, 165, 160
Decimal	14198176
CIE Lab	72.26, 18.07, 9.87
CIE LCh	72, 20.588, 28.634
Yxy	44.0473, 0.3662, 0.3352
Android (android.graphics.Color)	4292388256 (0xFFD8A5A0)
YUV	179.6790, -9.7017, 31.8535
Hunter-Lab	66.3681, 13.2744, 11.4174

Details

The XYZ color **48.1192, 44.0473, 39.2235** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.1854, 59.0181, 73.7125**, and the grayscale version is **43.2497, 45.5021, 49.5517**.

A 20% lighter version of the original color is **79.0989, 77.3527, 75.0516**, and **23.1626, 20.3880, 17.1825** is the 20% darker color. If you saturate the color by 10%, you get **43.1123, 36.7992, 29.0280**, and if you desaturate by 10%, it is **54.0024, 52.5221, 51.3317**.

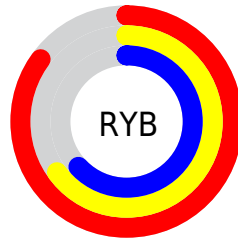
Distribution



Red (85%)

Green (65%)

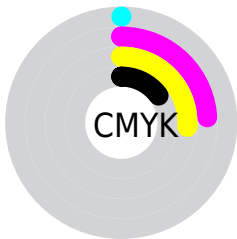
Blue (63%)



Red (85%)

Yellow (65%)

Blue (63%)

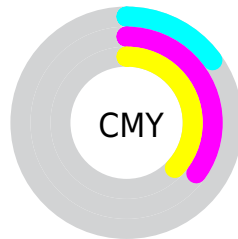


Cyan (0%)

Magenta (24%)

Yellow (26%)

Black (15%)



Cyan (15%)


Magenta (35%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1192, 44.0473, 39.2235 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 48.1192, 44.0473, 39.2235 by changing the saturation by 10% instead.


 48.1192, 44.0473,
39.2235


 48.1192, 44.0473,
39.2235


369.8391,
362.9013, 358.2941

 34.1329, 30.7077,
26.6245

 86.5905, 81.2889,
75.2037

 23.1591, 20.3764,
17.0615


 111.8062,
105.9597, 99.4220

 14.8324, 12.6689,
10.1159


141.4958,
135.1764, 128.3505

 8.7874, 7.2010,
5.3693

176.0246,
169.3233, 162.4076

 4.6588, 3.5881,
2.4030

215.7580,
208.7848, 202.0120

 2.0811, 1.4459,
0.7881

261.0613,

 0.6789, 0.2502,

253.9454, 247.5822

0.0000

312.2999,
305.1894, 299.5367

0.0000, 0.0000,
0.0000

48.1192, 44.0473,
39.2235

48.1192, 44.0473,
39.2235

43.1123, 36.7992,
29.0280

54.0024, 52.5221,
51.3317

38.9364, 30.7151,
20.6448

60.7974, 62.2703,
65.4407

35.5474, 25.7362,
13.9685

68.5421, 73.3436,
81.6363

32.8955, 21.7959,
8.8816

77.2710, 85.7891,
99.9984

30.9257, 18.8205,
5.2517

82.1290, 93.3390,
108.2953

■ 29.5745, 16.7268,
2.9252

■ 28.7665, 15.4168,
1.7123

■ 28.5570, 15.0750,
1.4047

Harmonies

Analogous

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



49.0349, 44.0473, 48.4257



48.1192, 44.0473, 39.2235



45.5041, 44.0473, 33.1850

Triad

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



48.1192, 44.0473, 39.2235



36.3261, 44.0473, 38.5246



41.7038, 44.0473, 70.1713

Complementary

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



48.1192, 44.0473, 39.2235



50.1854, 59.0181, 73.7125

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.



38.4265, 44.0473, 66.5752



48.1192, 44.0473, 39.2235



35.4316, 44.0473, 47.4973

Square

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



48.1192, 44.0473, 39.2235



38.6922, 44.0473, 32.8232



36.1788, 44.0473, 57.9061



45.2080, 44.0473, 67.1545

Rectangle

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



48.1192, 44.0473, 39.2235



43.2195, 44.0473, 31.2952



36.1788, 44.0473, 57.9061



40.5403, 44.0473, 69.6875

Sweetspot

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



48.1204, 44.0493, 39.2244



86.2951, 87.4699, 90.6297



52.6898, 44.4609, 67.6523



18.1398, 18.2479, 18.7105



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.



48.1204, 44.0493, 39.2244



66.0080, 58.2655, 48.8157



53.6608, 55.1301, 41.0712



12.5116, 12.5974, 12.9328



16.9366, 8.9904, 0.8427



1.0530, 0.6053, 0.0613

Inverse Universe

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



50.1854, 59.0181, 73.7125



69.4908, 83.5395, 107.0699



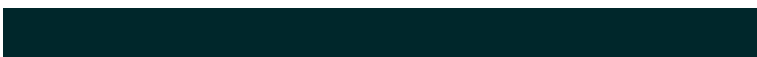
43.8946, 46.4366, 71.6156



12.6929, 13.9092, 15.9533



19.1548, 26.5714, 42.5724



1.1837, 1.6595, 2.5772

Previews

White Background



This preview shows how the XYZ color 48.1192, 44.0473, 39.2235 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 48.1192, 44.0473, 39.2235 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 48.1192, 44.0473, 39.2235

Background



This preview shows how black text looks on a background with the XYZ color 48.1192, 44.0473, 39.2235.



This preview shows how white text looks on a background with the XYZ color 48.1192, 44.0473,

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

48.1192, 44.0473, 39.2235

Protanopia

42.1335, 44.2647, 42.3997

Deuteranopia

44.9083, 44.0465, 38.9358



Tritanopia

49.7485, 44.1950, 46.4659

Trichromacy



Original Color

48.1192, 44.0473, 39.2235

Protanomaly

44.1501, 44.1696, 41.3206

Deuteranomaly

45.8996, 44.0009, 38.8748

Tritanomaly

49.1464, 44.2049, 43.9723

Monochromacy



Original Color

48.1192, 44.0473, 39.2235

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.8651, 45.0145, 45.8592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1192, 44.0473, 39.2235 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(216, 165, 160)` looks like.

```
.text, #text, p{  
    color:rgb(216, 165, 160)  
}
```

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(216, 165, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 165, 160) }
```

Border

The CSS property to change the border of an element to XYZ 48.1192, 44.0473, 39.2235 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(216, 165, 160) }
```


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

```
.border{ border-color:rgb(216, 165, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 165, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 165, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 165, 160);  
box-shadow:4px 4px 4px 4px rgb(216, 165,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1192, 44.0473, 39.2235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 165, 160) }
```

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

```
.background{ background-color: rgb(216,  
165, 160) }
```

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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