

Converting Colors

XYZ(48.4411, 45.1336, 37.9684)

Have a look what the booklet for
XYZ(48.4411, 45.1336, 37.9684)
contains.

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Color

**XYZ(48.4073, 45.0385,
38.0402)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A89D
RGB	216, 168, 157
RGB Percent	85%, 66%, 62%
CMY	0.1529, 0.3412, 0.3843
CMYK	0.00, 0.22, 0.27, 0.15
HSL	11°, 43%, 73%
HSV	11°, 27%, 85%
XYZ	48.4073, 45.0385, 38.0402
YIQ	181.0980, 32.1390, 6.7550

Conversions

Conversions Part 2

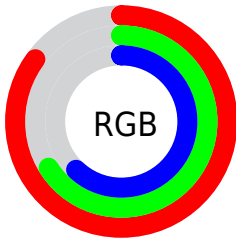
Format	Color
R _Y B	216, 171, 157
Decimal	14198941
CIE Lab	72.92, 16.03, 12.44
CIE LCh	73, 20.295, 37.821
Yxy	45.0385, 0.3682, 0.3425
Android (android.graphics.Color)	4292389021 (0xFFD8A89D)
YUV	181.0980, -11.8803, 30.6091
Hunter-Lab	67.1107, 11.3092, 13.3703

Details

The XYZ color **48.4073, 45.0385, 38.0402** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.1299, 55.7868, 73.1971**, and the grayscale version is **44.0250, 46.3177, 50.4400**.

A 20% lighter version of the original color is **79.5113, 78.7888, 73.3044**, and **23.3441, 21.0050, 16.4597** is the 20% darker color. If you saturate the color by 10%, you get **43.6962, 38.3111, 28.1618**, and if you desaturate by 10%, it is **53.8852, 52.7772, 49.7836**.

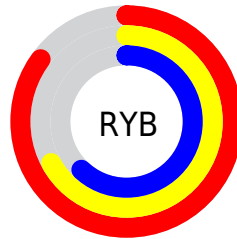
Distribution



Red (85%)

Green (66%)

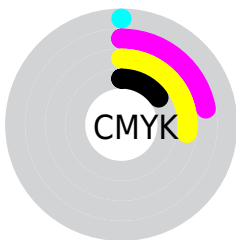
Blue (62%)



Red (85%)

Yellow (67%)

Blue (62%)

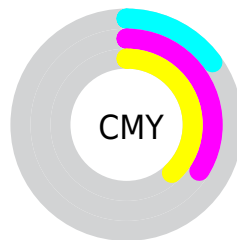


Cyan (0%)

Magenta (22%)

Yellow (27%)

Black (15%)



Cyan (15%)


Magenta (34%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4073, 45.0385, 38.0402 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 48.4073, 45.0385, 38.0402 by changing the saturation by 10% instead.


 48.4073, 45.0385,
38.0402


 48.4073, 45.0385,
38.0402


370.9601,
366.9295, 353.0957

 34.3621, 31.4878,
25.7118


 87.0166, 82.7782,
73.3739

 23.3361, 20.9705,
16.3843


 112.3114,
107.7359, 97.2162

 14.9640, 13.1025,
9.6392


142.0868,
137.2647, 125.7336

 8.8803, 7.4991,
5.0580

176.7081,
171.7491, 159.3447

 4.7196, 3.7762,
2.2220

216.5408,
211.5733, 198.4679

 2.1168, 1.5492,
0.6870

261.9501,

 0.6983, 0.3230,

257.1219, 243.5217

0.0000

313.3014,
308.7791, 294.9249

■ 0.0000, 0.0000,
0.0000

■ 48.4073, 45.0385,
38.0402

■ 48.4073, 45.0385,
38.0402

■ 43.6962, 38.3111,
28.1618

■ 53.8852, 52.7772,
49.7836

■ 39.7137, 32.5469,
20.0493

■ 60.1587, 61.5603,
63.4786

■ 36.4236, 27.7033,
13.5989

■ 67.2595, 71.4270,
79.2095

■ 33.7851, 23.7319,
8.6944

■ 75.2165, 82.4127,
97.0550

■ 31.7529, 20.5799,
5.2046

■ 82.1290, 93.3390,
108.2953

■ 30.2757, 18.1884,
2.9764

■ 29.2894, 16.4889,
1.8055

■ 29.0875, 16.1360,
1.5815

Harmonies

Analogous

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



49.9043, 45.0385, 46.4366



48.4073, 45.0385, 38.0402



45.4265, 45.0385, 33.1253

Triad

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



48.4073, 45.0385, 38.0402



36.8144, 45.0385, 42.0485



43.7398, 45.0385, 70.9746

Complementary

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



48.4073, 45.0385, 38.0402



48.1299, 55.7868, 73.1971

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.



40.2916, 45.0385, 69.3748



48.4073, 45.0385, 38.0402



36.4180, 45.0385, 51.7375

Square

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



48.4073, 45.0385, 38.0402



38.7718, 45.0385, 35.2077



37.6576, 45.0385, 61.9772



47.1145, 45.0385, 66.0883

Rectangle

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



48.4073, 45.0385, 38.0402



43.0668, 45.0385, 32.0388



37.6576, 45.0385, 61.9772



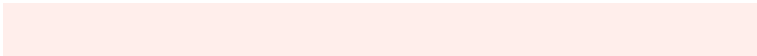
42.5497, 45.0385, 71.1886

Sweetspot

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



48.4085, 45.0406, 38.0411



86.8702, 88.6202, 90.8215



51.4178, 43.1300, 63.4888



18.2834, 18.5350, 18.7583



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.



48.4085, 45.0406, 38.0411



66.2504, 59.5426, 46.4542



54.4432, 57.1100, 40.0527



12.6088, 12.7918, 12.9652



17.2748, 9.6669, 0.9554



1.0988, 0.6967, 0.0766

Inverse Universe

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



48.1299, 55.7868, 73.1971



65.7677, 77.7727, 106.1530



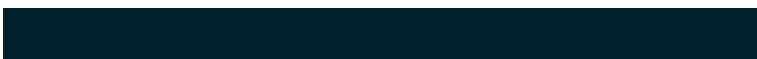
41.7630, 43.0531, 71.0748



12.5861, 13.6957, 15.9177



16.5667, 21.3951, 41.7097



1.0513, 1.3947, 2.5331

Previews

White Background



This preview shows how the XYZ color 48.4073, 45.0385, 38.0402 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 48.4073, 45.0385, 38.0402 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 48.4073, 45.0385, 38.0402

Background



This preview shows how black text looks on a background with the XYZ color 48.4073, 45.0385, 38.0402.



This preview shows how white text looks on a background with the XYZ color 48.4073, 45.0385,

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

48.4073, 45.0385, 38.0402

Protanopia

42.8914, 45.2879, 40.6632

Deuteranopia

46.1212, 45.2666, 37.7590



Tritanopia

50.4045, 45.0300, 48.1545

Trichromacy



Original Color

48.4073, 45.0385, 38.0402

Protanomaly

44.7011, 45.0683, 39.6008

Deuteranomaly

46.8582, 45.0814, 37.6844

Tritanomaly

49.5072, 44.9264, 44.0926

Monochromacy



Original Color

48.4073, 45.0385, 38.0402

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.2199, 45.4986, 45.4285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4073, 45.0385, 38.0402 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, 168, 157)` looks like.

```
.text, #text, p{  
    color:rgb(216, 168, 157)  
}
```

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, 168, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 168, 157) }
```

Border

The CSS property to change the border of an element to XYZ 48.4073, 45.0385, 38.0402 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, 168, 157) }
```


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

```
.border{ border-color:rgb(216, 168, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 168, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 168, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 168, 157);  
box-shadow:4px 4px 4px 4px rgb(216, 168,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4073, 45.0385, 38.0402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 168, 157) }
```

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

```
.background{ background-color: rgb(216,  
168, 157) }
```

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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