

Converting Colors

XYZ(50.8460, 45.6748, 33.4089)

Have a look what the booklet for
XYZ(50.8460, 45.6748, 33.4089)
contains.

XYZ(50.6383, 45.4796, 33.3036)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.6383, 45.4796,
33.3036)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A592
RGB	228, 165, 146
RGB Percent	89%, 65%, 57%
CMY	0.1059, 0.3529, 0.4274
CMYK	0.00, 0.28, 0.36, 0.11
HSL	14°, 60%, 73%
HSV	14°, 36%, 89%
XYZ	50.6383, 45.4796, 33.3036
YIQ	181.6710, 43.6470, 7.4470

Conversions

Conversions Part 2

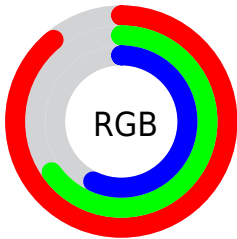
Format	Color
R _Y B	228, 171, 146
Decimal	14984594
CIE Lab	73.21, 20.83, 19.05
CIE LCh	73, 28.225, 42.450
Yxy	45.4796, 0.3913, 0.3514
Android (android.graphics.Color)	4293174674 (0xFFE4A592)
YUV	181.6710, -17.5858, 40.6305
Hunter-Lab	67.4386, 16.0147, 17.9275

Details

The XYZ color **50.6383, 45.4796, 33.3036** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.6571, 57.3110, 81.8963**, and the grayscale version is **44.3615, 46.6717, 50.8255**.

A 20% lighter version of the original color is **77.2585, 76.6165, 65.3601**, and **24.7653, 21.2944, 13.6314** is the 20% darker color. If you saturate the color by 10%, you get **46.0928, 38.9494, 23.8936**, and if you desaturate by 10%, it is **55.9726, 53.0210, 44.7224**.

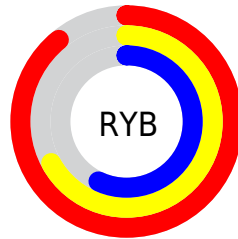
Distribution



Red (89%)

Green (65%)

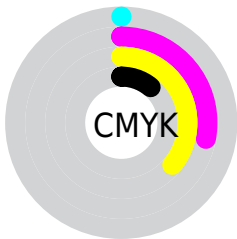
Blue (57%)



Red (89%)

Yellow (67%)

Blue (57%)

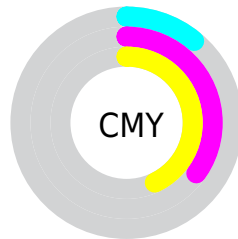


Cyan (0%)

Magenta (28%)

Yellow (36%)

Black (11%)



Cyan (11%)


Magenta (35%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6383, 45.4796, 33.3036 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 50.6383, 45.4796, 33.3036 by changing the saturation by 10% instead.


 50.6383, 45.4796,
33.3036

 50.6383, 45.4796,
33.3036


379.5677,
368.7125, 331.6894

 36.1407, 31.8354,
22.0861


 90.3061, 83.4396,
65.9707

 24.7135, 21.2358,
13.7213

 116.2070,
108.5242, 88.2574

 15.9913, 13.2965,
7.7905


146.6397,
138.1910, 115.0709

 9.6088, 7.6330,
3.8754

181.9695,
172.8245, 146.8297

 5.2006, 3.8610,
1.5572

222.5619,
212.8090, 183.9525

 2.4014, 1.5961,
0.2600

268.7822,

 0.8458, 0.3550,

258.5289, 226.8576

0.0000

320.9956,
310.3686, 275.9638

0.0000, 0.0000,
0.0000

50.6383, 45.4796,
33.3036

50.6383, 45.4796,
33.3036

46.0928, 38.9494,
23.8936

55.9726, 53.0210,
44.7224

42.2939, 33.3804,
16.3726

62.1281, 61.6079,
58.2548

39.2007, 28.7283,
10.6120

69.1394, 71.2808,
74.0018

36.7668, 24.9421,
6.4660

77.0383, 82.0761,
92.0569

34.9395, 21.9661,
3.7650

85.0390, 93.7022,
108.2120

■ 33.6565, 19.7367,
2.2999

■ 85.8048, 95.2339,
108.4673

■ 33.2608, 19.0259,
1.9193

Harmonies

Analogous

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



53.2047, 45.4796, 43.8713



50.6383, 45.4796, 33.3036



46.1614, 45.4796, 27.8086

Triad

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



50.6383, 45.4796, 33.3036



34.7711, 45.4796, 41.7455



45.3120, 45.4796, 81.1968

Complementary

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



50.6383, 45.4796, 33.3036



48.6571, 57.3110, 81.8963

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.



40.4197, 45.4796, 80.3270



50.6383, 45.4796, 33.3036



34.5819, 45.4796, 55.6329

Square

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



50.6383, 45.4796, 33.3036



37.1149, 45.4796, 32.0043



36.5766, 45.4796, 70.2940



49.9757, 45.4796, 72.4826

Rectangle

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



50.6383, 45.4796, 33.3036



42.8213, 45.4796, 26.9705



36.5766, 45.4796, 70.2940



43.6353, 45.4796, 82.0566

Sweetspot

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



50.6395, 45.4818, 33.3045



84.3650, 85.3369, 84.6620



53.9359, 41.7169, 66.3348



17.7963, 17.9049, 17.5353



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.



50.6395, 45.4818, 33.3045



60.8962, 52.3518, 33.8251



58.9588, 62.1205, 36.0776



14.6467, 14.9073, 15.0099



19.2809, 11.1359, 1.1332



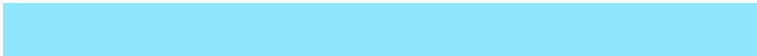
1.4945, 0.9624, 0.1070

Inverse Universe

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



48.6571, 57.3110, 81.8963



57.9707, 69.6353, 104.9933



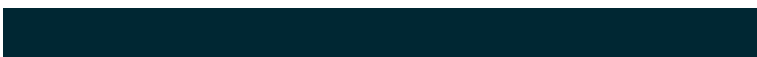
40.0894, 40.1757, 79.0404



14.5094, 15.7402, 18.4178



17.0502, 21.1625, 45.5693



1.3290, 1.7019, 3.3904

Previews

White Background



This preview shows how the XYZ color 50.6383, 45.4796, 33.3036 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 50.6383, 45.4796, 33.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

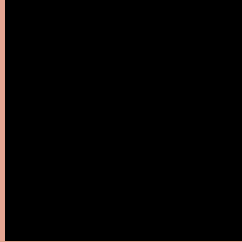
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6383, 45.4796, 33.3036

Background



This preview shows how black text looks on a background with the XYZ color 50.6383, 45.4796, 33.3036.



This preview shows how white text looks on a background with the XYZ color 50.6383, 45.4796,

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

50.6383, 45.4796, 33.3036

Protanopia

43.0573, 45.7612, 36.7004

Deuteranopia

46.5560, 45.6024, 32.7339



Tritanopia

53.2427, 45.4958, 45.5105

Trichromacy



Original Color

50.6383, 45.4796, 33.3036

Protanomaly

45.4636, 45.5585, 35.2516

Deuteranomaly

48.1008, 45.5455, 33.0440

Tritanomaly

52.1643, 45.3080, 40.6463

Monochromacy



Original Color

50.6383, 45.4796, 33.3036

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.2400, 46.0574, 43.9890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6383, 45.4796, 33.3036 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(228, 165, 146)` looks like.

```
.text, #text, p{  
    color:rgb(228, 165, 146)  
}
```

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(228, 165, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 165, 146) }
```

Border

The CSS property to change the border of an element to XYZ 50.6383, 45.4796, 33.3036 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(228, 165, 146) }
```


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

```
.border{ border-color:rgb(228, 165, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 165, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 165, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 165, 146);  
box-shadow:4px 4px 4px 4px rgb(228, 165,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6383, 45.4796, 33.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 165, 146) }
```

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

```
.background{ background-color: rgb(228,  
165, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor