

Converting Colors

XYZ(50.8625, 45.1644, 32.1356)

Have a look what the booklet for
XYZ(50.8625, 45.1644, 32.1356)
contains.

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Color

**XYZ(50.6882, 45.0006,
32.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A38F
RGB	230, 163, 143
RGB Percent	90%, 64%, 56%
CMY	0.0980, 0.3608, 0.4392
CMYK	0.00, 0.29, 0.38, 0.10
HSL	14°, 64%, 73%
HSV	14°, 38%, 90%
XYZ	50.6882, 45.0006, 32.0010
YIQ	180.7530, 46.3520, 7.9840

Conversions

Conversions Part 2

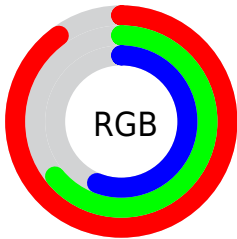
Format	Color
R _Y B	230, 169, 143
Decimal	15115151
CIE Lab	72.89, 22.31, 20.29
CIE LCh	73, 30.159, 42.279
Yxy	45.0006, 0.3970, 0.3524
Android (android.graphics.Color)	4293305231 (0xFFE6A38F)
YUV	180.7530, -18.6122, 43.1896
Hunter-Lab	67.0825, 17.4820, 18.6741

Details

The XYZ color **50.6882, 45.0006, 32.0010** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.6561, 57.6435, 83.4245**, and the grayscale version is **43.8684, 46.1530, 50.2606**.

A 20% lighter version of the original color is **76.3894, 75.4340, 63.3574**, and **24.6735, 20.9298, 13.0954** is the 20% darker color. If you saturate the color by 10%, you get **46.1938, 38.5201, 22.7702**, and if you desaturate by 10%, it is **55.9826, 52.5091, 43.2617**.

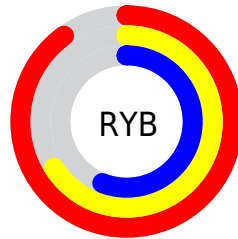
Distribution



Red (90%)

Green (64%)

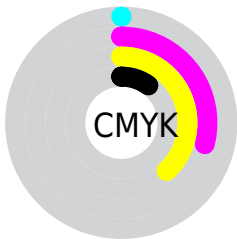
Blue (56%)



Red (90%)

Yellow (66%)

Blue (56%)

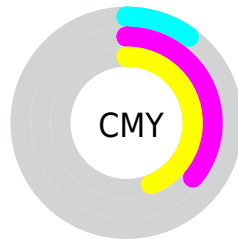


Cyan (0%)

Magenta (29%)

Yellow (38%)

Black (10%)



Cyan (10%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6882, 45.0006, 32.0010 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 50.6882, 45.0006, 32.0010 by changing the saturation by 10% instead.


 50.6882, 45.0006,
32.0010


 50.6882, 45.0006,
32.0010


379.7588,
366.7760, 325.6167

 36.1806, 31.4579,
21.0974


 90.3794, 82.7213,
63.9106

 24.7444, 20.9478,
13.0033


 116.2938,
107.6681, 85.7537

 16.0145, 13.0858,
7.3001


146.7410,
137.1851, 112.0804

 9.6253, 7.4877,
3.5692

182.0866,
171.6566, 143.3092

 5.2116, 3.7689,
1.3921

222.6958,
211.4670, 179.8587

 2.4080, 1.5452,
0.1355

268.9340,

 0.8491, 0.3202,

257.0008, 222.1474

0.0000

321.1665,
308.6423, 270.5939

0.0000, 0.0000,
0.0000

50.6882, 45.0006,
32.0010

50.6882, 45.0006,
32.0010

46.1938, 38.5201,
22.7702

55.9826, 52.5091,
43.2617

42.4558, 33.0160,
15.4447

62.1107, 61.0815,
56.6611

39.4313, 28.4418,
9.8904

69.1086, 70.7599,
72.3038

37.0717, 24.7443,
5.9544

77.0090, 81.5821,
90.2862

35.3216, 21.8647,
3.4574

85.3561, 93.3891,
108.1349

■ 34.1107, 19.7344,
2.1549

■ 86.4430, 95.5629,
108.4972

■ 33.9010, 19.3589,
1.9499

Harmonies

Analogous

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



53.4192, 45.0006, 43.1003



50.6882, 45.0006, 32.0010



45.9203, 45.0006, 26.2868

Triad

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



50.6882, 45.0006, 32.0010



33.8543, 45.0006, 40.7102



44.9558, 45.0006, 83.0450

Complementary

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



50.6882, 45.0006, 32.0010



48.6561, 57.6435, 83.4245

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.



39.7705, 45.0006, 82.0385



50.6882, 45.0006, 32.0010



33.6423, 45.0006, 55.4106

Square

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



50.6882, 45.0006, 32.0010



36.3305, 45.0006, 30.5611



35.7256, 45.0006, 71.1472



49.9325, 45.0006, 73.6668

Rectangle

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



50.6882, 45.0006, 32.0010



42.3714, 45.0006, 25.4057



35.7256, 45.0006, 71.1472



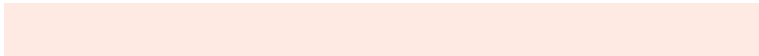
43.1746, 45.0006, 83.9564

Sweetspot

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



50.6894, 45.0028, 32.0019



84.3505, 85.3079, 84.6572



54.2324, 41.1789, 66.8167



17.7929, 17.8980, 17.5342



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.



50.6894, 45.0028, 32.0019



59.7443, 50.6652, 31.5382



59.5062, 62.6365, 34.9408



14.6445, 14.9030, 15.0092



19.2696, 11.1133, 1.1295



1.4934, 0.9602, 0.1066

Inverse Universe

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



48.6561, 57.6435, 83.4245



56.8199, 68.6422, 104.8623



39.5491, 39.4294, 80.3889



14.5117, 15.7448, 18.4185



17.0966, 21.2553, 45.5848



1.3320, 1.7080, 3.3914

Previews

White Background



This preview shows how the XYZ color 50.6882, 45.0006, 32.0010 looks on a white background.

Color Contrast Check

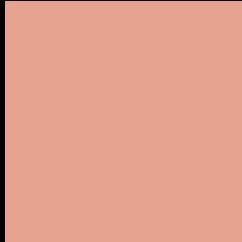
Large Text (above 18pt) WCAG AA × Fail

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 50.6882, 45.0006, 32.0010 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 50.6882, 45.0006, 32.0010

Background



This preview shows how black text looks on a background with the XYZ color 50.6882, 45.0006, 32.0010.



This preview shows how white text looks on a background with the XYZ color 50.6882, 45.0006,

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

50.6882, 45.0006, 32.0010

Protanopia

42.6923, 45.2934, 35.7705

Deuteranopia

45.8547, 44.9834, 31.4652



Tritanopia

53.3531, 45.0602, 44.4135

Trichromacy



Original Color

50.6882, 45.0006, 32.0010

Protanomaly

45.1907, 44.8626, 34.2945

Deuteranomaly

47.6857, 45.0806, 31.7793

Tritanomaly

52.2825, 44.8706, 39.6235

Monochromacy



Original Color

50.6882, 45.0006, 32.0010

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.6643, 45.2042, 42.8777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6882, 45.0006, 32.0010 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(230, 163, 143)` looks like.

```
.text, #text, p{  
    color:rgb(230, 163, 143)  
}
```

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(230, 163, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 163, 143) }
```

Border

The CSS property to change the border of an element to XYZ 50.6882, 45.0006, 32.0010 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(230, 163, 143) }
```


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

```
.border{ border-color:rgb(230, 163, 143) }
```

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

Here you see how a box with a 4 pixel rgb(230, 163, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 163, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 163, 143);  
box-shadow:4px 4px 4px 4px rgb(230, 163,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6882, 45.0006, 32.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 163, 143) }
```

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

```
.background{ background-color: rgb(230,  
163, 143) }
```

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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