

Converting Colors

XYZ(46.7052, 45.3051, 33.5793)

Have a look what the booklet for
XYZ(46.7052, 45.3051, 33.5793)
contains.

XYZ(46.8048, 45.4293, 33.4960)	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(46.8048, 45.4293,
33.4960)**

Conversions

Conversions Part 1

Format	Color
Hex	D3AC92
RGB	211, 172, 146
RGB Percent	83%, 67%, 57%
CMY	0.1725, 0.3255, 0.4274
CMYK	0.00, 0.18, 0.31, 0.17
HSL	24°, 42%, 70%
HSV	24°, 31%, 83%
XYZ	46.8048, 45.4293, 33.4960
YIQ	180.6970, 31.5900, 0.1820

Conversions

Conversions Part 2

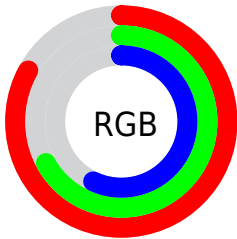
Format	Color
R_{YB}	211, 189, 146
Decimal	13872274
CIE _{Lab}	73.17, 10.47, 18.74
CIE _{LCh}	73, 21.462, 60.801
Yxy	45.4293, 0.3723, 0.3613
Android (android.graphics.Color)	4292062354 (0xFFD3AC92)
YUV	180.6970, -17.1056, 26.5757
Hunter-Lab	67.4013, 6.0018, 17.7159

Details

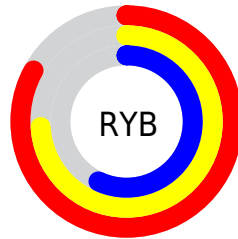
The XYZ color **46.8048, 45.4293, 33.4960** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.9603, 45.5105, 68.2536**, and the grayscale version is **43.8358, 46.1187, 50.2233**.

A 20% lighter version of the original color is **79.1344, 80.3683, 65.9854**, and **22.2996, 21.2277, 13.7485** is the 20% darker color. If you saturate the color by 10%, you get **43.0173, 40.2428, 24.8694**, and if you desaturate by 10%, it is **51.1272, 51.2002, 43.7964**.

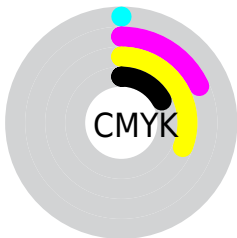
Distribution



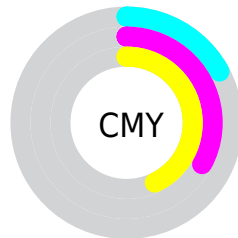
- Red (83%)
- Green (67%)
- Blue (57%)



- Red (83%)
- Yellow (74%)
- Blue (57%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (17%)





- Cyan (17%)
- Magenta (33%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.8048, 45.4293, 33.4960 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 46.8048, 45.4293, 33.4960 by changing the saturation by 10% instead.


 46.8048, 45.4293,
33.4960

 46.8048, 45.4293,
33.4960


364.6968,
368.5095, 332.5791

 33.0887, 31.7957,
22.2325

 84.6427, 83.3642,
66.2740

 22.3539, 21.2055,
13.8279


 109.4952,
108.4344, 88.6256

 14.2353, 13.2743,
7.8637


138.7905,
138.0855, 115.5103

 8.3673, 7.6177,
3.9213

172.8939,
172.7020, 147.3466

 4.3846, 3.8513,
1.5823

212.1710,
212.6682, 184.5532

 1.9219, 1.5907,
0.2781

256.9869,

 0.5895, 0.3513,

258.3686, 227.5484

0.0000

307.7070,
310.1876, 276.7509

■ 0.0000, 0.0000,
0.0000

■ 46.8048, 45.4293,
33.4960

■ 46.8048, 45.4293,
33.4960

■ 43.0173, 40.2428,
24.8694

■ 51.1272, 51.2002,
43.7964

■ 39.7379, 35.6150,
17.8239

■ 56.0024, 57.5676,
55.8509

■ 36.9431, 31.5273,
12.2616

■ 61.4519, 64.5511,
69.7382

■ 34.6052, 27.9575,
8.0728

■ 67.4949, 72.1676,
85.5313

■ 32.6936, 24.8817,
5.1320

■ 74.1495, 80.4331,
103.2989

■ 31.1728, 22.2730,
3.2903

■ 78.4680, 88.1770,
107.4919

■ 30.0666, 20.2541,
2.3248

■ 80.6740, 92.5889,
108.2272

Harmonies

Analogous

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



49.6948, 45.4293, 39.5976



46.8048, 45.4293, 33.4960



43.0781, 45.4293, 31.5084

Triad

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



46.8048, 45.4293, 33.4960



36.3431, 45.4293, 49.7549



46.9899, 45.4293, 69.4767

Complementary

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



46.8048, 45.4293, 33.4960



40.9603, 45.5105, 68.2536

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.



43.2804, 45.4293, 73.2034



46.8048, 45.4293, 33.4960



37.2595, 45.4293, 60.8484

Square

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



46.8048, 45.4293, 33.4960



37.1680, 45.4293, 40.0317



39.7458, 45.4293, 69.8406



49.8059, 45.4293, 60.2743

Rectangle

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



46.8048, 45.4293, 33.4960



40.6611, 45.4293, 32.5171



39.7458, 45.4293, 69.8406



45.7991, 45.4293, 71.4665

Sweetspot

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



46.8060, 45.4314, 33.4969



87.3365, 90.1368, 89.1762



45.9001, 37.9099, 50.7974



18.4416, 18.9676, 18.4525



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.



46.8060, 45.4314, 33.4969



67.9271, 64.3906, 42.4051



53.7644, 59.3482, 35.8164



12.1913, 12.5734, 12.3964



18.2393, 12.4117, 1.4344



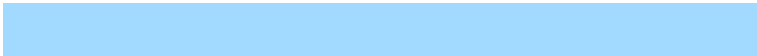
1.0966, 0.8475, 0.1058

Inverse Universe

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



40.9603, 45.5105, 68.2536



57.5557, 64.5172, 104.0273



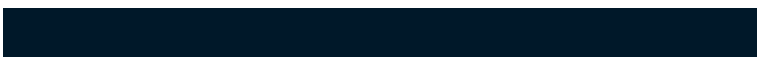
34.9220, 33.4338, 66.2408



11.7450, 12.5804, 15.0529



11.7465, 12.1395, 38.9165



0.7333, 0.8318, 2.2015

Previews

White Background



This preview shows how the XYZ color 46.8048, 45.4293, 33.4960 looks on a white background.

Color Contrast Check

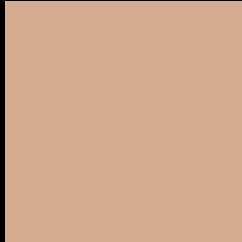
Large Text (above 18pt) WCAG AA × Fail

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 46.8048, 45.4293, 33.4960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

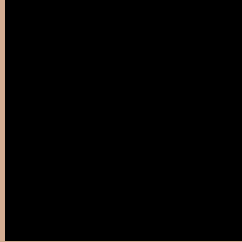
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.8048, 45.4293, 33.4960

Background



This preview shows how black text looks on a background with the XYZ color 46.8048, 45.4293, 33.4960.



This preview shows how white text looks on a background with the XYZ color 46.8048, 45.4293,

33.4960.

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

46.8048, 45.4293, 33.4960

Protanopia

42.8603, 45.3894, 35.3562

Deuteranopia

46.4264, 45.5178, 33.5330



Tritanopia

50.0813, 45.3798, 49.2996

Trichromacy



Original Color

46.8048, 45.4293, 33.4960

Protanomaly

44.2389, 45.2264, 34.8317

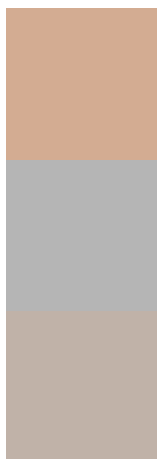
Deuteranomaly

46.7102, 45.6641, 33.5463

Tritanomaly

48.9874, 45.4992, 43.2461

Monochromacy



Original Color

46.8048, 45.4293, 33.4960

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.7265, 45.8744, 43.5431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8048, 45.4293, 33.4960 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(211, 172, 146)` looks like.

```
.text, #text, p{  
    color:rgb(211, 172, 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(211, 172, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 172, 146) }
```

Border

The CSS property to change the border of an element to XYZ 46.8048, 45.4293, 33.4960 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(211, 172, 146) }
```


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

```
.border{ border-color:rgb(211, 172, 146) }
```

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

Here you see how a box with a 4 pixel rgb(211, 172, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 172, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 172, 146);  
box-shadow:4px 4px 4px 4px rgb(211, 172,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8048, 45.4293, 33.4960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 172, 146) }
```

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

```
.background{ background-color: rgb(211,  
172, 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](#).

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