

Converting Colors

XYZ(49.8790, 47.7976, 44.9932)

Have a look what the booklet for
XYZ(49.8790, 47.7976, 44.9932)
contains.

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Color

**XYZ(50.0274, 47.9880,
45.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B0AB
RGB	212, 176, 171
RGB Percent	83%, 69%, 67%
CMY	0.1686, 0.3098, 0.3294
CMYK	0.00, 0.17, 0.19, 0.17
HSL	7°, 32%, 75%
HSV	7°, 19%, 83%
XYZ	50.0274, 47.9880, 45.1540
YIQ	186.1940, 23.0610, 6.0770

Conversions

Conversions Part 2

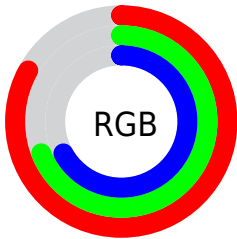
Format	Color
RYB	212, 177, 171
Decimal	13938859
CIELab	74.82, 12.25, 7.44
CIElCh	75, 14.328, 31.267
Yxy	47.9880, 0.3494, 0.3352
Android (android.graphics.Color)	4292128939 (0xFFD4B0AB)
YUV	186.1940, -7.4906, 22.6319
Hunter-Lab	69.2734, 7.6796, 9.8448

Details

The XYZ color **50.0274, 47.9880, 45.1540** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.9906, 58.0356, 70.8022**, and the grayscale version is **46.8136, 49.2515, 53.6349**.

A 20% lighter version of the original color is **83.8241, 84.4642, 83.8367**, and **24.3174, 22.6659, 20.5461** is the 20% darker color. If you saturate the color by 10%, you get **44.7641, 40.4397, 34.2167**, and if you desaturate by 10%, it is **56.1179, 56.6710, 57.9671**.

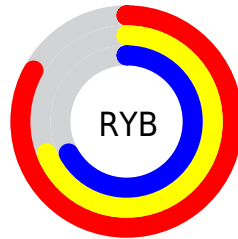
Distribution



Red (83%)

Green (69%)

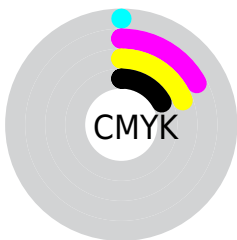
Blue (67%)



Red (83%)

Yellow (69%)

Blue (67%)

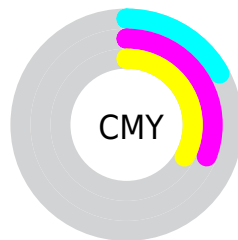


Cyan (0%)

Magenta (17%)

Yellow (19%)

Black (17%)



Cyan (17%)


Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0274, 47.9880, 45.1540 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 50.0274, 47.9880, 45.1540 by changing the saturation by 10% instead.


 50.0274, 47.9880,
45.1540

 50.0274, 47.9880,
45.1540


377.2233,
378.7446, 383.5752

 35.6531, 33.8174,
31.2349


 89.4071, 87.1865,
84.2724

 24.3352, 22.7533,
20.5178


115.1431,
112.9832, 110.3087

 15.7086, 14.4115,
12.5842


145.3970,
143.4241, 141.2212

 9.4077, 8.4074,
7.0155

180.5343,
178.8935, 177.4284

 5.0673, 4.3567,
3.3932

220.9202,
219.7759, 219.3489

 2.3220, 1.8750,
1.2987

266.9201,

 0.8059, 0.5333,

266.4556, 267.4012

0.0608

318.8993,
319.3170, 322.0037

■ 0.0000, 0.0000,
0.0000

■ 50.0274, 47.9880,
45.1540

■ 50.0274, 47.9880,
45.1540

■ 44.7641, 40.4397,
34.2167

■ 56.1179, 56.6710,
57.9671

■ 40.2883, 33.9731,
25.0642

■ 63.0651, 66.5262,
72.7353

■ 36.5632, 28.5404,
17.6026

■ 70.9019, 77.5972,
89.5366

■ 33.5471, 24.0877,
11.7279

■ 79.5289, 89.8720,
107.7631

■ 31.1945, 20.5564,
7.3249

■ 80.9615, 92.7371,
108.2407

■ 29.4544, 17.8815,
4.2624

■ 28.2682, 15.9893,
2.3862

■ 27.5535, 14.7888,
1.4425

■ 27.5181, 14.7304,
1.3929

Harmonies

Analogous

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



50.8037, 47.9880, 51.9342



50.0274, 47.9880, 45.1540



48.0614, 47.9880, 40.6555

Triad

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



50.0274, 47.9880, 45.1540



41.3589, 47.9880, 45.6543



45.7220, 47.9880, 67.9427

Complementary

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



50.0274, 47.9880, 45.1540



50.9906, 58.0356, 70.8022

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.



43.2456, 47.9880, 65.8644



50.0274, 47.9880, 45.1540



40.7850, 47.9880, 52.5686

Square

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



50.0274, 47.9880, 45.1540



43.0607, 47.9880, 40.9245



41.4628, 47.9880, 60.0547



48.2603, 47.9880, 65.4949

Rectangle

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



50.0274, 47.9880, 45.1540



46.3758, 47.9880, 39.3171



41.4628, 47.9880, 60.0547



44.8550, 47.9880, 67.7490

Sweetspot

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



50.0287, 47.9902, 45.1550



88.5471, 90.7805, 95.0601



53.0038, 47.6391, 65.5725



18.8075, 19.2246, 20.0387



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.



50.0287, 47.9902, 45.1550



72.7198, 68.2137, 61.7675



54.3064, 56.5456, 46.5809



12.5442, 12.6625, 12.9437



17.0274, 9.1720, 0.8729



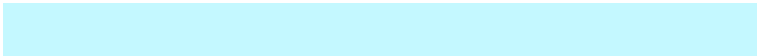
1.0684, 0.6360, 0.0665

Inverse Universe

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



50.9906, 58.0356, 70.8022



74.4249, 86.0404, 107.2926



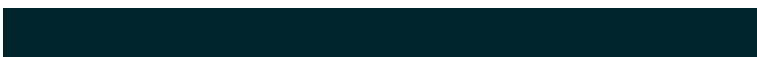
46.3891, 48.8326, 69.2684



12.6568, 13.8371, 15.9413



18.2424, 24.7467, 42.2683



1.1375, 1.5670, 2.5618

Previews

White Background



This preview shows how the XYZ color 50.0274, 47.9880, 45.1540 looks on a white background.

Color Contrast Check

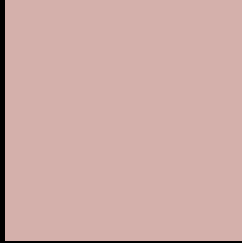
Large Text (above 18pt) WCAG AA × Fail

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 50.0274, 47.9880, 45.1540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

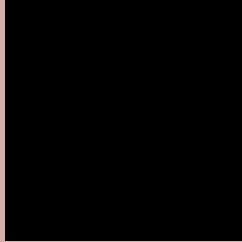
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0274, 47.9880, 45.1540

Background



This preview shows how black text looks on a background with the XYZ color 50.0274, 47.9880, 45.1540.



This preview shows how white text looks on a background with the XYZ color 50.0274, 47.9880,

45.1540.

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

50.0274, 47.9880, 45.1540

Protanopia

46.1136, 48.3233, 47.4543

Deuteranopia

49.0032, 48.0465, 45.2192



Tritanopia

51.8372, 48.1561, 53.5766

Trichromacy



Original Color

50.0274, 47.9880, 45.1540

Protanomaly

47.4526, 48.1095, 46.8294

Deuteranomaly

49.3673, 47.9399, 45.1795

Tritanomaly

51.1110, 48.1423, 50.3146

Monochromacy



Original Color

50.0274, 47.9880, 45.1540

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.5741, 48.3942, 50.5496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0274, 47.9880, 45.1540 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(212, 176, 171)` looks like.

```
.text, #text, p{  
    color:rgb(212, 176, 171)  
}
```

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(212, 176, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 176, 171) }
```

Border

The CSS property to change the border of an element to XYZ 50.0274, 47.9880, 45.1540 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(212, 176, 171) }
```


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

```
.border{ border-color:rgb(212, 176, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 176, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 176, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 176, 171);  
box-shadow:4px 4px 4px 4px rgb(212, 176,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0274, 47.9880, 45.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 176, 171) }
```

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

```
.background{ background-color: rgb(212,  
176, 171) }
```

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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