

Converting Colors

XYZ(48.8553, 46.9431, 32.5776)

Have a look what the booklet for
XYZ(48.8553, 46.9431, 32.5776)
contains.

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Color

**XYZ(49.0074, 47.1607,
32.5066)**

Conversions

Conversions Part 1

Format	Color
Hex	DAAE8F
RGB	218, 174, 143
RGB Percent	85%, 68%, 56%
CMY	0.1451, 0.3176, 0.4392
CMYK	0.00, 0.20, 0.34, 0.15
HSL	25°, 50%, 71%
HSV	25°, 34%, 85%
XYZ	49.0074, 47.1607, 32.5066
YIQ	183.6220, 36.1750, -0.3130

Conversions

Conversions Part 2

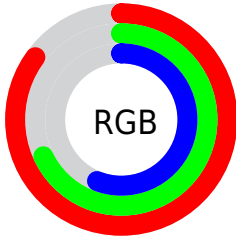
Format	Color
R _Y B	218, 196, 143
Decimal	14331535
CIE Lab	74.29, 11.75, 22.01
CIE LCh	74, 24.946, 61.907
Yxy	47.1607, 0.3809, 0.3665
Android (android.graphics.Color)	4292521615 (0xFFDAAE8F)
YUV	183.6220, -20.0266, 30.1495
Hunter-Lab	68.6736, 7.2036, 20.0067

Details

The XYZ color **49.0074, 47.1607, 32.5066** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.7523, 46.4407, 73.0930**, and the grayscale version is **45.4454, 47.8121, 52.0674**.

A 20% lighter version of the original color is **79.6149, 81.8848, 64.4325**, and **23.7916, 22.3732, 13.1897** is the 20% darker color. If you saturate the color by 10%, you get **45.1599, 41.8567, 23.8530**, and if you desaturate by 10%, it is **53.4135, 53.0679, 42.9306**.

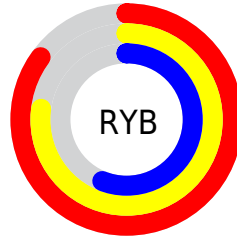
Distribution



Red (85%)

Green (68%)

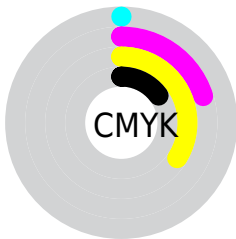
Blue (56%)



Red (85%)

Yellow (77%)

Blue (56%)

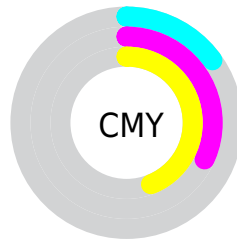


Cyan (0%)

Magenta (20%)

Yellow (34%)

Black (15%)



Cyan (15%)


Magenta (32%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.0074, 47.1607, 32.5066 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 49.0074, 47.1607, 32.5066 by changing the saturation by 10% instead.

 49.0074, 47.1607,
32.5066


 49.0074, 47.1607,
32.5066


373.2879,
375.4556, 327.9841

 34.8399, 33.1627,
21.4807


 87.9031, 85.9534,
64.7115

 23.7055, 22.2511,
13.2812

 113.3620,
111.5170, 86.7277

 15.2389, 14.0415,
7.4895


143.3155,
141.7045, 113.2443

 9.0746, 8.1496,
3.6870

178.1288,
176.9004, 144.6801

 4.8474, 4.1908,
1.4552

218.1673,
217.4891, 181.4533

 2.1918, 1.7809,
0.1843

263.7965,

 0.7384, 0.4752,

263.8549, 223.9827

0.0000

315.3815,
316.3823, 272.6868

■ 0.0000, 0.0000,
0.0000

■ 49.0074, 47.1607,
32.5066

■ 49.0074, 47.1607,
32.5066

■ 45.1599, 41.8567,
23.8530

■ 53.4135, 53.0679,
42.9306

■ 41.8422, 37.1288,
16.8666

■ 58.3980, 59.5912,
55.2148

■ 39.0281, 32.9573,
11.4375

■ 63.9840, 66.7512,
69.4458

■ 36.6872, 29.3187,
7.4414

■ 70.1925, 74.5655,
85.7045

■ 34.7852, 26.1870,
4.7347

■ 77.0430, 83.0511,
104.0666

■ 33.2814, 23.5333,
3.1426

■ 81.3774, 90.9533,
107.8744

■ 32.5797, 22.2381,
2.5752

■ 82.7234, 93.6454,
108.3231

Harmonies

Analogous

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



52.5471, 47.1607, 39.3767



49.0074, 47.1607, 32.5066



44.5386, 47.1607, 30.4189

Triad

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



49.0074, 47.1607, 32.5066



36.7504, 47.1607, 52.1759



49.5366, 47.1607, 75.2849

Complementary

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



49.0074, 47.1607, 32.5066



41.7523, 46.4407, 73.0930

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.



45.1123, 47.1607, 80.1833



49.0074, 47.1607, 32.5066



37.8988, 47.1607, 65.5333

Square

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



49.0074, 47.1607, 32.5066



37.6429, 47.1607, 40.5809



40.8873, 47.1607, 76.3501



52.8667, 47.1607, 63.8734

Rectangle

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



49.0074, 47.1607, 32.5066



41.6852, 47.1607, 31.6837



40.8873, 47.1607, 76.3501



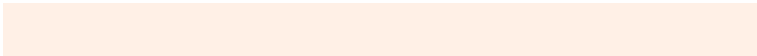
48.1182, 47.1607, 77.8260

Sweetspot

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



49.0086, 47.1629, 32.5076



86.6251, 89.2898, 87.1643



47.8133, 38.1817, 52.4271



18.3033, 18.8057, 18.0529



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.



49.0086, 47.1629, 32.5076



65.9999, 61.9136, 37.5165



57.0417, 63.2292, 35.1853



13.4960, 13.9313, 13.7033



19.6191, 13.5237, 1.5763



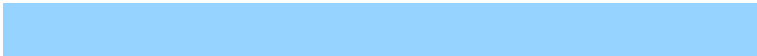
1.3547, 1.0434, 0.1300

Inverse Universe

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



41.7523, 46.4407, 73.0930



54.1990, 60.7236, 103.4720



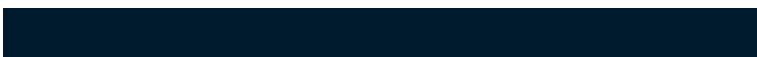
34.9694, 32.8748, 70.8320



12.9702, 13.8801, 16.6477



12.3052, 12.4799, 41.4987



0.8814, 0.9769, 2.7166

Previews

White Background



This preview shows how the XYZ color 49.0074, 47.1607, 32.5066 looks on a white background.

Color Contrast Check

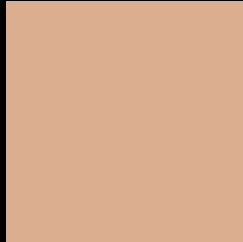
Large Text (above 18pt) WCAG AA × Fail

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 49.0074, 47.1607, 32.5066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

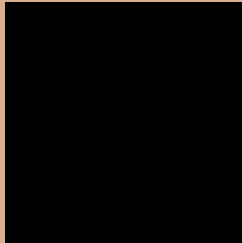
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.0074, 47.1607, 32.5066

Background



This preview shows how black text looks on a background with the XYZ color 49.0074, 47.1607, 32.5066.



This preview shows how white text looks on a background with the XYZ color 49.0074, 47.1607,

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

49.0074, 47.1607, 32.5066

Protanopia

44.4481, 47.4429, 34.4185

Deuteranopia

48.2148, 47.3300, 32.5810



Tritanopia

52.7557, 47.2829, 50.6020

Trichromacy



Original Color

49.0074, 47.1607, 32.5066

Protanomaly

46.1382, 47.4143, 33.9143

Deuteranomaly

48.3122, 47.0902, 32.5296

Tritanomaly

51.4496, 47.3251, 43.4688

Monochromacy



Original Color

49.0074, 47.1607, 32.5066

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.2476, 47.2429, 44.2174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0074, 47.1607, 32.5066 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(218, 174, 143)` looks like.

```
.text, #text, p{  
    color:rgb(218, 174, 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(218, 174, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 174, 143) }
```

Border

The CSS property to change the border of an element to XYZ 49.0074, 47.1607, 32.5066 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(218, 174, 143) }
```


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

```
.border{ border-color:rgb(218, 174, 143) }
```

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

Here you see how a box with a 4 pixel rgb(218, 174, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 174, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 174, 143);  
box-shadow:4px 4px 4px 4px rgb(218, 174,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0074, 47.1607, 32.5066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 174, 143) }
```

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

```
.background{ background-color: rgb(218,  
174, 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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