

Converting Colors

XYZ(48.4467, 45.4195, 34.2304)

Have a look what the booklet for
XYZ(48.4467, 45.4195, 34.2304)
contains.

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Color

**XYZ(48.4467, 45.4195,
34.2304)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA994
RGB	218, 169, 148
RGB Percent	85%, 66%, 58%
CMY	0.1451, 0.3372, 0.4196
CMYK	0.00, 0.22, 0.32, 0.15
HSL	18°, 49%, 72%
HSV	18°, 32%, 85%
XYZ	48.4467, 45.4195, 34.2304
YIQ	181.2570, 35.9450, 3.8570

Conversions

Conversions Part 2

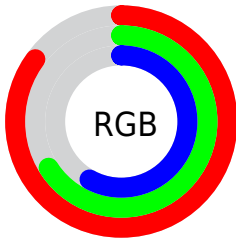
Format	Color
R _Y B	218, 178, 148
Decimal	14330260
CIE Lab	73.17, 15.06, 17.74
CIE LCh	73, 23.275, 49.675
Yxy	45.4195, 0.3782, 0.3546
Android (android.graphics.Color)	4292520340 (0xFFDAA994)
YUV	181.2570, -16.3957, 32.2236
Hunter-Lab	67.3940, 10.3766, 17.0615

Details

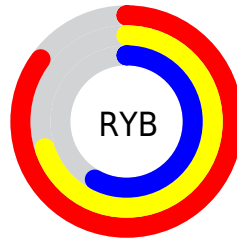
The XYZ color **48.4467, 45.4195, 34.2304** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.8332, 51.2886, 73.8664**, and the grayscale version is **44.1334, 46.4318, 50.5642**.

A 20% lighter version of the original color is **78.5563, 78.8356, 66.9535**, and **23.4192, 21.2670, 14.1799** is the 20% darker color. If you saturate the color by 10%, you get **44.2063, 39.4448, 25.0905**, and if you desaturate by 10%, it is **53.3458, 52.1911, 45.1940**.

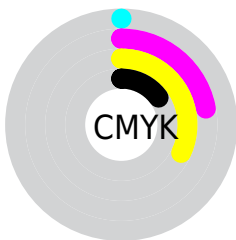
Distribution



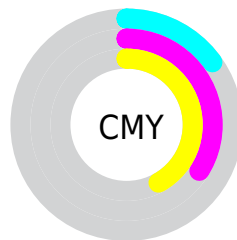
- Red (85%)
- Green (66%)
- Blue (58%)



- Red (85%)
- Yellow (70%)
- Blue (58%)



- Cyan (0%)
- Magenta (22%)
- Yellow (32%)
- Black (15%)




- Cyan (15%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4467, 45.4195, 34.2304 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 48.4467, 45.4195, 34.2304 by changing the saturation by 10% instead.


 48.4467, 45.4195,
34.2304


 48.4467, 45.4195,
34.2304


371.1132,
368.4699, 335.9586

 34.3935, 31.7880,
22.7919


 87.0748, 83.3496,
67.4298

 23.3604, 21.1996,
14.2360


 112.3804,
108.4169, 90.0277

 14.9820, 13.2700,
8.1444


142.1675,
138.0649, 117.1825

 8.8930, 7.6147,
4.0984

176.8015,
172.6781, 149.3127

 4.7280, 3.8494,
1.6795

216.6477,
212.6408, 186.8369

 2.1217, 1.5897,
0.3466

262.0715,

 0.7010, 0.3506,

258.3374, 230.1736

0.0000

313.4382,
310.1523, 279.7413

■ 0.0000, 0.0000,
0.0000

■ 48.4467, 45.4195,
34.2304

■ 48.4467, 45.4195,
34.2304

■ 44.2063, 39.4448,
25.0905

■ 53.3458, 52.1911,
45.1940

■ 40.5913, 34.2305,
17.6716

■ 58.9277, 59.7814,
58.0711

■ 37.5710, 29.7469,
11.8647

■ 65.2195, 68.2195,
72.9485

■ 35.1100, 25.9593,
7.5470

■ 72.2459, 77.5311,
89.9071

■ 33.1689, 22.8303,
4.5781

■ 79.7062, 87.6110,
107.3174

■ 31.7020, 20.3181,
2.7895

■ 82.7235, 93.6454,
108.3231

■ 30.8276, 18.7338,
1.9912

Harmonies

Analogous

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



50.9840, 45.4195, 42.2708



48.4467, 45.4195, 34.2304



44.5909, 45.4195, 30.4844

Triad

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



48.4467, 45.4195, 34.2304



35.9046, 45.4195, 45.5365



45.8646, 45.4195, 73.7626

Complementary

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



48.4467, 45.4195, 34.2304



44.8332, 51.2886, 73.8664

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.



41.7793, 45.4195, 75.0065



48.4467, 45.4195, 34.2304



36.1980, 45.4195, 57.4084

Square

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



48.4467, 45.4195, 34.2304



37.4624, 45.4195, 36.2963



38.2908, 45.4195, 68.6308



49.4294, 45.4195, 65.4601

Rectangle

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



48.4467, 45.4195, 34.2304



41.8652, 45.4195, 30.4523



38.2908, 45.4195, 68.6308



44.5014, 45.4195, 75.0650

Sweetspot

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



48.4479, 45.4216, 34.2313



85.7809, 87.6014, 86.8829



49.5817, 40.1169, 57.9537



18.0998, 18.3988, 17.9850



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.



48.4479, 45.4216, 34.2313



64.6337, 58.5071, 39.1395



55.8518, 60.2295, 36.6993



13.3730, 13.6853, 13.6623



18.5516, 11.3887, 1.2205



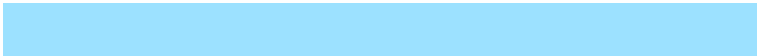
1.2762, 0.8865, 0.1039

Inverse Universe

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



44.8332, 51.2886, 73.8664



58.6414, 68.1792, 104.6769



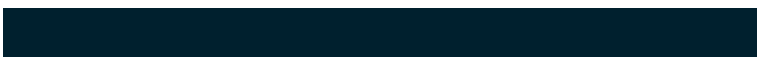
37.7884, 37.1990, 71.5182



13.0979, 14.1355, 16.6902



14.4638, 16.7971, 42.2182



1.0111, 1.2363, 2.7598

Previews

White Background



This preview shows how the XYZ color 48.4467, 45.4195, 34.2304 looks on a white background.

Color Contrast Check

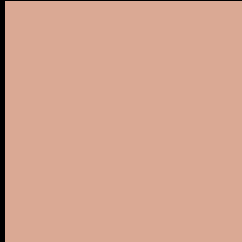
Large Text (above 18pt) WCAG AA × Fail

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 48.4467, 45.4195, 34.2304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

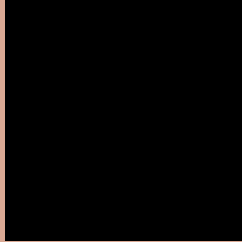
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4467, 45.4195, 34.2304

Background



This preview shows how black text looks on a background with the XYZ color 48.4467, 45.4195, 34.2304.



This preview shows how white text looks on a background with the XYZ color 48.4467, 45.4195,

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

48.4467, 45.4195, 34.2304

Protanopia

42.8561, 45.3589, 36.6334

Deuteranopia

46.5045, 45.5490, 33.9446



Tritanopia

51.2097, 45.4567, 47.6700

Trichromacy



Original Color

48.4467, 45.4195, 34.2304

Protanomaly

44.7353, 45.1737, 35.6397

Deuteranomaly

47.1704, 45.6087, 33.9210

Tritanomaly

50.0344, 45.2413, 42.1717

Monochromacy



Original Color

48.4467, 45.4195, 34.2304

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.1317, 45.7782, 43.9935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4467, 45.4195, 34.2304 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, 169, 148)` looks like.

```
.text, #text, p{  
    color:rgb(218, 169, 148)  
}
```

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, 169, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 169, 148) }
```

Border

The CSS property to change the border of an element to XYZ 48.4467, 45.4195, 34.2304 is called "border". The border property can be set on classes, ids or directly on the HTML element.

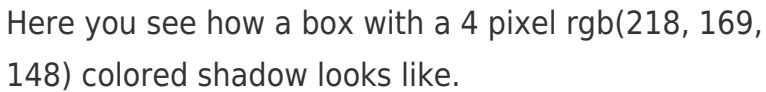
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 169, 148) }
```


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

```
.border{ border-color:rgb(218, 169, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 169, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 169, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 169, 148); box-shadow:4px 4px 4px 4px rgb(218, 169, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4467, 45.4195, 34.2304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 169, 148) }
```

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

```
.background{ background-color: rgb(218,  
169, 148) }
```

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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