

Converting Colors

XYZ(50.4695, 48.8696, 29.3324)

Have a look what the booklet for
XYZ(50.4695, 48.8696, 29.3324)
contains.

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Color

**XYZ(50.4566, 48.8535,
29.3246)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB186
RGB	223, 177, 134
RGB Percent	87%, 69%, 53%
CMY	0.1255, 0.3059, 0.4745
CMYK	0.00, 0.21, 0.40, 0.13
HSL	29°, 58%, 70%
HSV	29°, 40%, 87%
XYZ	50.4566, 48.8535, 29.3246
YIQ	185.8520, 41.2190, -3.6210

Conversions

Conversions Part 2

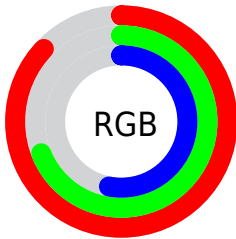
Format	Color
R _Y B	223, 217, 134
Decimal	14659974
CIE Lab	75.36, 11.06, 28.36
CIE LCh	75, 30.439, 68.697
Yxy	48.8535, 0.3922, 0.3798
Android (android.graphics.Color)	4292850054 (0xFFDFB186)
YUV	185.8520, -25.5630, 32.5788
Hunter-Lab	69.8953, 6.5404, 24.0515

Details

The XYZ color **50.4566, 48.8535, 29.3246** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.4714, 43.0369, 76.0384**, and the grayscale version is **46.7127, 49.1454, 53.5194**.

A 20% lighter version of the original color is **79.4560, 83.1687, 59.4423**, and **24.5338, 23.1624, 11.5652** is the 20% darker color. If you saturate the color by 10%, you get **46.8815, 43.9354, 21.2518**, and if you desaturate by 10%, it is **54.5544, 54.2920, 39.1907**.

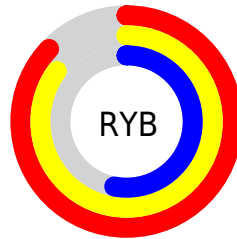
Distribution



Red (87%)

Green (69%)

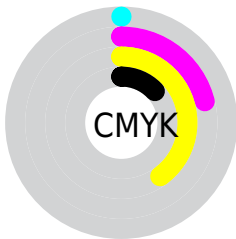
Blue (53%)



Red (87%)

Yellow (85%)

Blue (53%)

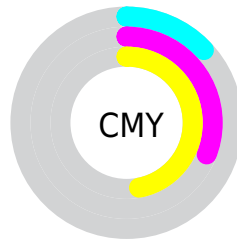


Cyan (0%)

Magenta (21%)

Yellow (40%)

Black (13%)



Cyan (13%)

Magenta (31%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4566, 48.8535, 29.3246 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 50.4566, 48.8535, 29.3246 by changing the saturation by 10% instead.


 50.4566, 48.8535,
29.3246


 50.4566, 48.8535,
29.3246


378.8714,
382.1653, 312.8522


 35.9956, 34.5033,
19.0788


 90.0388, 88.4738,
59.6407

 24.6009, 23.2805,
11.5499


 115.8907,
114.5127, 80.5482

 15.9071, 14.8008,
6.3192


 146.2704,
145.2166, 105.8466

 9.5489, 8.6797,
2.9682

181.5431,
180.9700, 135.9545

 5.1608, 4.5328,
1.0784

222.0741,
222.1571, 171.2905

 2.3777, 1.9759,
0.0000

268.2290,

 0.8340, 0.5934,

269.1624, 212.2731

0.0000

320.3730,
322.3704, 259.3208

■ 0.0000, 0.0000,
0.0000

■ 50.4566, 48.8535,
29.3246

■ 50.4566, 48.8535,
29.3246

■ 46.8815, 43.9354,
21.2518

■ 54.5544, 54.2920,
39.1907

■ 43.7999, 39.5129,
14.8581

■ 59.1948, 60.2605,
50.9484

■ 41.1850, 35.5693,
10.0211

■ 64.4009, 66.7773,
64.6927

■ 39.0051, 32.0837,
6.5996

■ 70.1933, 73.8575,
80.5110

■ 37.2236, 29.0329,
4.4267

■ 76.5916, 81.5154,
98.4854

■ 35.7801, 26.3837,
3.2125

■ 81.4837, 88.9126,
107.4749

■ 35.7680, 26.3613,
3.2031

■ 84.2413, 94.4279,
108.3942

Harmonies

Analogous

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



55.3548, 48.8535, 36.1488



50.4566, 48.8535, 29.3246



44.8246, 48.8535, 28.1620

Triad

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



50.4566, 48.8535, 29.3246



36.5824, 48.8535, 57.9937



53.4964, 48.8535, 81.0735

Complementary

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



50.4566, 48.8535, 29.3246



39.4714, 43.0369, 76.0384

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.



48.0811, 48.8535, 89.8704



50.4566, 48.8535, 29.3246



38.5268, 48.8535, 74.8962

Square

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



50.4566, 48.8535, 29.3246



37.1069, 48.8535, 42.7578



42.6307, 48.8535, 87.4072



57.2056, 48.8535, 65.2016

Rectangle

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



50.4566, 48.8535, 29.3246



41.4529, 48.8535, 30.4691



42.6307, 48.8535, 87.4072



51.7985, 48.8535, 85.0877

Sweetspot

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



50.4578, 48.8558, 29.3256



85.6699, 88.5055, 83.3738



47.3452, 36.0940, 48.4394



18.1334, 18.6905, 17.3040



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.



50.4578, 48.8558, 29.3256



64.2396, 60.5294, 30.3432



60.3364, 68.6130, 32.6184



14.2511, 14.7881, 14.4101



21.1432, 15.7244, 1.9207



1.5549, 1.2686, 0.1629

Inverse Universe

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



39.4714, 43.0369, 76.0384



47.3673, 51.5889, 102.0689



32.0922, 28.2785, 73.5787



13.5350, 14.4091, 17.4555



11.5667, 10.6029, 42.4853



0.8913, 0.9141, 2.9747

Previews

White Background



This preview shows how the XYZ color 50.4566, 48.8535, 29.3246 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 50.4566, 48.8535, 29.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

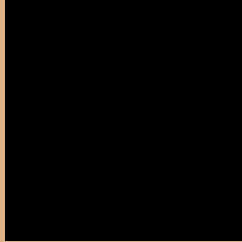
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4566, 48.8535, 29.3246

Background



This preview shows how black text looks on a background with the XYZ color 50.4566, 48.8535, 29.3246.



This preview shows how white text looks on a background with the XYZ color 50.4566, 48.8535,

29.3246.

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

50.4566, 48.8535, 29.3246

Protanopia

45.6995, 49.0949, 31.1124

Deuteranopia

50.0423, 48.9342, 29.3620



Tritanopia

55.0214, 48.7041, 51.8483

Trichromacy



Original Color

50.4566, 48.8535, 29.3246

Protanomaly

47.4613, 49.0830, 30.6394

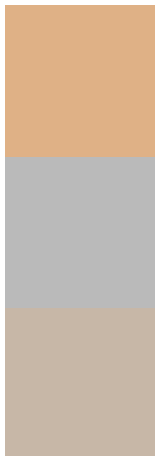
Deuteranomaly

50.3477, 49.0916, 29.3763

Tritanomaly

53.1905, 48.8091, 42.6940

Monochromacy



Original Color

50.4566, 48.8535, 29.3246

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.4617, 48.7991, 43.4769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4566, 48.8535, 29.3246 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(223, 177, 134)` looks like.

```
.text, #text, p{  
    color:rgb(223, 177, 134)  
}
```

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(223, 177, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 177, 134) }
```

Border

The CSS property to change the border of an element to XYZ 50.4566, 48.8535, 29.3246 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(223, 177, 134) }
```


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

```
.border{ border-color:rgb(223, 177, 134) }
```

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

Here you see how a box with a 4 pixel rgb(223, 177, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 177, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 177, 134);  
box-shadow:4px 4px 4px 4px rgb(223, 177,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4566, 48.8535, 29.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 177, 134) }
```

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

```
.background{ background-color: rgb(223,  
177, 134) }
```

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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