

Converting Colors

XYZ(48.2281, 46.4362, 29.5773)

Have a look what the booklet for
XYZ(48.2281, 46.4362, 29.5773)
contains.

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Color

**XYZ(48.3009, 46.5701,
29.7358)**

Conversions

Conversions Part 1

Format	Color
Hex	DAAD88
RGB	218, 173, 136
RGB Percent	85%, 68%, 53%
CMY	0.1451, 0.3215, 0.4667
CMYK	0.00, 0.21, 0.38, 0.15
HSL	27°, 53%, 69%
HSV	27°, 38%, 85%
XYZ	48.3009, 46.5701, 29.7358
YIQ	182.2370, 38.6970, -1.9670

Conversions

Conversions Part 2

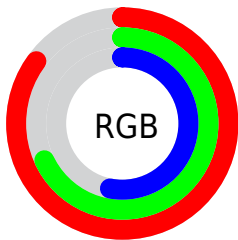
Format	Color
R _Y B	218, 203, 136
Decimal	14331272
CIE Lab	73.91, 11.44, 25.27
CIE LCh	74, 27.736, 65.635
Yxy	46.5701, 0.3876, 0.3737
Android (android.graphics.Color)	4292521352 (0xFFDAAD88)
YUV	182.2370, -22.7948, 31.3642
Hunter-Lab	68.2423, 6.9157, 21.9347

Details

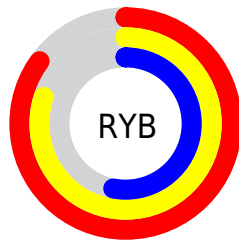
The XYZ color **48.3009, 46.5701, 29.7358** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.3315, 43.3424, 72.6225**, and the grayscale version is **44.6992, 47.0270, 51.2124**.

A 20% lighter version of the original color is **78.2777, 80.4645, 60.1207**, and **23.4174, 22.0280, 11.8217** is the 20% darker color. If you saturate the color by 10%, you get **44.7146, 41.6298, 21.6585**, and if you desaturate by 10%, it is **52.4101, 52.0516, 39.5430**.

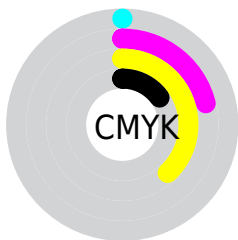
Distribution



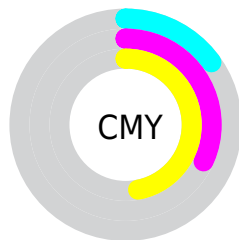
- Red (85%)
- Green (68%)
- Blue (53%)



- Red (85%)
- Yellow (80%)
- Blue (53%)



- Cyan (0%)
- Magenta (21%)
- Yellow (38%)
- Black (15%)





- Cyan (15%)
- Magenta (32%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3009, 46.5701, 29.7358 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 48.3009, 46.5701, 29.7358 by changing the saturation by 10% instead.

 48.3009, 46.5701,
29.7358


 48.3009, 46.5701,
29.7358


370.5464,
373.0959, 314.8399


 34.2775, 32.6959,
19.3878


 86.8592, 85.0716,
60.3002

 23.2707, 21.8936,
11.7712

 112.1249,
110.4676, 81.3536

 14.9153, 13.7787,
6.4674


 141.8686,
140.4732, 106.8126

 8.8459, 7.9669,
3.0580

176.4558,
175.4725, 137.0957

 4.6971, 4.0738,
1.1243

216.2518,
215.8500, 172.6214

 2.1036, 1.7149,
0.0000

261.6220,

 0.6912, 0.4333,

261.9902, 213.8084

0.0000

312.9317,
314.2774, 261.0750

■ 0.0000, 0.0000,
0.0000

■ 48.3009, 46.5701,
29.7358

■ 48.3009, 46.5701,
29.7358

■ 44.7146, 41.6298,
21.6585

■ 52.4101, 52.0516,
39.5430

■ 41.6231, 37.2058,
15.2052

■ 57.0614, 58.0851,
51.1717

■ 39.0006, 33.2804,
10.2627

■ 62.2773, 64.6893,
64.7103

■ 36.8171, 29.8325,
6.7016

■ 68.0779, 71.8799,
80.2408

■ 35.0381, 26.8383,
4.3706

■ 74.4820, 79.6720,
97.8401

■ 33.6182, 24.2694,
3.0620

■ 79.5488, 87.2963,
107.2649

■ 33.3166, 23.7117,
2.8208

■ 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.



52.4451, 46.5701, 36.4457



48.3009, 46.5701, 29.7358



43.3369, 46.5701, 28.1584

Triad

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



48.3009, 46.5701, 29.7358



35.4638, 46.5701, 53.4264



50.0342, 46.5701, 76.1992

Complementary

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



48.3009, 46.5701, 29.7358



39.3315, 43.3424, 72.6225

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.



45.2031, 46.5701, 82.9002



48.3009, 46.5701, 29.7358



36.9804, 46.5701, 68.2738

Square

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



48.3009, 46.5701, 29.7358



36.1588, 46.5701, 40.2872



40.4576, 46.5701, 79.7591



53.4968, 46.5701, 62.7842

Rectangle

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



48.3009, 46.5701, 29.7358



40.2781, 46.5701, 29.9147



40.4576, 46.5701, 79.7591



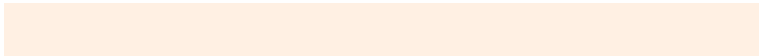
48.5034, 46.5701, 79.4150

Sweetspot

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



48.3021, 46.5723, 29.7367



86.1431, 88.8931, 85.2547



46.0686, 35.8545, 48.2628



18.2184, 18.7490, 17.6760



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.



48.3021, 46.5723, 29.7367



64.8492, 60.8750, 33.2398



57.3787, 64.7255, 32.7623



13.5375, 14.0144, 13.7171



20.0645, 14.4145, 1.7248



1.3851, 1.1044, 0.1402

Inverse Universe

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



39.3315, 43.3424, 72.6225



50.3144, 55.6312, 102.6938



32.2014, 29.0822, 70.2458



12.9279, 13.7956, 16.6336



11.6872, 11.2439, 41.2927



0.8428, 0.8997, 2.7037

Previews

White Background



This preview shows how the XYZ color 48.3009, 46.5701, 29.7358 looks on a white background.

Color Contrast Check

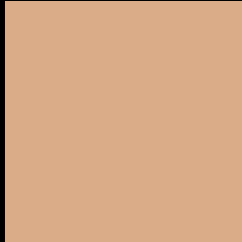
Large Text (above 18pt) WCAG AA × Fail

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 48.3009, 46.5701, 29.7358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

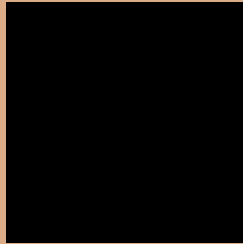
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3009, 46.5701, 29.7358

Background



This preview shows how black text looks on a background with the XYZ color 48.3009, 46.5701, 29.7358.



This preview shows how white text looks on a background with the XYZ color 48.3009, 46.5701,

29.7358.

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

48.3009, 46.5701, 29.7358

Protanopia

43.7097, 46.8187, 31.5441

Deuteranopia

47.6043, 46.4968, 29.7583



Tritanopia

52.1811, 46.4623, 49.3979

Trichromacy



Original Color

48.3009, 46.5701, 29.7358

Protanomaly

45.4089, 46.8008, 31.0662

Deuteranomaly

47.8989, 46.6486, 29.7721

Tritanomaly

50.7076, 46.4284, 41.4110

Monochromacy



Original Color

48.3009, 46.5701, 29.7358

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.4173, 46.5589, 42.1903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3009, 46.5701, 29.7358 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, 173, 136)` looks like.

```
.text, #text, p{  
    color:rgb(218, 173, 136)  
}
```

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, 173, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 173, 136) }
```

Border

The CSS property to change the border of an element to XYZ 48.3009, 46.5701, 29.7358 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, 173, 136) }
```


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

```
.border{ border-color:rgb(218, 173, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 173, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 173, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 173, 136);  
box-shadow:4px 4px 4px 4px rgb(218, 173,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3009, 46.5701, 29.7358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 173, 136) }
```

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

```
.background{ background-color: rgb(218,  
173, 136) }
```

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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