

Converting Colors

XYZ(47.3048, 46.5532, 33.2805)

Have a look what the booklet for
XYZ(47.3048, 46.5532, 33.2805)
contains.

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Color

**XYZ(47.3048, 46.5532,
33.2805)**

Conversions

Conversions Part 1

Format	Color
Hex	D3AF91
RGB	211, 175, 145
RGB Percent	83%, 69%, 57%
CMY	0.1725, 0.3137, 0.4314
CMYK	0.00, 0.17, 0.31, 0.17
HSL	27°, 43%, 70%
HSV	27°, 31%, 83%
XYZ	47.3048, 46.5532, 33.2805
YIQ	182.3440, 31.0860, -1.6980

Conversions

Conversions Part 2

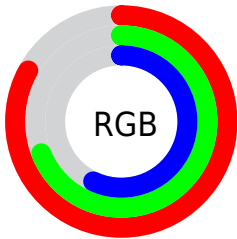
Format	Color
R _Y B	211, 200, 145
Decimal	13873041
CIE Lab	73.90, 8.73, 20.28
CIE LCh	74, 22.081, 66.719
Yxy	46.5532, 0.3721, 0.3662
Android (android.graphics.Color)	4292063121 (0xFFD3AF91)
YUV	182.3440, -18.4106, 25.1313
Hunter-Lab	68.2299, 4.3543, 18.8411

Details

The XYZ color **47.3048, 46.5532, 33.2805** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.9583, 43.7693, 67.9704**, and the grayscale version is **44.7374, 47.0672, 51.2562**.

A 20% lighter version of the original color is **80.1247, 82.5353, 65.7407**, and **22.6209, 21.9426, 13.6328** is the 20% darker color. If you saturate the color by 10%, you get **43.6816, 41.6732, 24.7776**, and if you desaturate by 10%, it is **51.4235, 51.9402, 43.4404**.

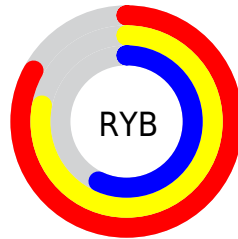
Distribution



Red (83%)

Green (69%)

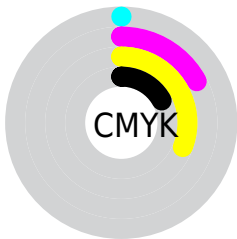
Blue (57%)



Red (83%)

Yellow (78%)

Blue (57%)

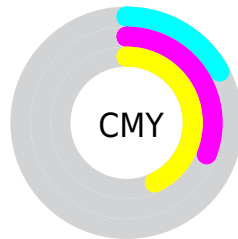


Cyan (0%)

Magenta (17%)

Yellow (31%)

Black (17%)



Cyan (17%)


Magenta (31%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3048, 46.5532, 33.2805 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 47.3048, 46.5532, 33.2805 by changing the saturation by 10% instead.

 47.3048, 46.5532,
33.2805


 47.3048, 46.5532,
33.2805


366.6585,
373.0283, 331.5825

 33.4856, 32.6826,
22.0685


 85.3844, 85.0463,
65.9343

 22.6597, 21.8834,
13.7085


 110.3755,
110.4376, 88.2131

 14.4618, 13.7712,
7.7818


139.8214,
140.4379, 115.0181

 8.5264, 7.9617,
3.8699

174.0873,
175.4316, 146.7676

 4.4882, 4.0705,
1.5542

213.5386,
215.8030, 183.8803

 1.9819, 1.7131,
0.2578

258.5406,

 0.6237, 0.4321,

261.9367, 226.7746

0.0000

309.4588,
314.2170, 275.8692

■ 0.0000, 0.0000,
0.0000

■ 47.3048, 46.5532,
33.2805

■ 47.3048, 46.5532,
33.2805

■ 43.6816, 41.6732,
24.7776

■ 51.4235, 51.9402,
43.4404

■ 40.5289, 37.2775,
17.8389

■ 56.0541, 57.8431,
55.3374

■ 37.8244, 33.3511,
12.3670

■ 61.2167, 64.2785,
69.0497

■ 35.5426, 29.8754,
8.2520

■ 66.9290, 71.2605,
84.6502

■ 33.6545, 26.8305,
5.3683

■ 73.2080, 78.8024,
102.2073

■ 32.1264, 24.1936,
3.5662

■ 77.2802, 85.8012,
107.0959

■ 31.0399, 22.2007,
2.6492

■ 80.6740, 92.5889,
108.2272

Harmonies

Analogous

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



50.5915, 46.5532, 38.8089



47.3048, 46.5532, 33.2805



43.3684, 46.5532, 32.0753

Triad

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



47.3048, 46.5532, 33.2805



37.1527, 46.5532, 53.2653



48.9255, 46.5532, 70.1106

Complementary

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



47.3048, 46.5532, 33.2805



39.9583, 43.7693, 67.9704

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.



45.1382, 46.5532, 75.3889



47.3048, 46.5532, 33.2805



38.4572, 46.5532, 64.7743

Square

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



47.3048, 46.5532, 33.2805



37.6569, 46.5532, 42.5997



41.3247, 46.5532, 73.3040



51.5653, 46.5532, 59.7415

Rectangle

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



47.3048, 46.5532, 33.2805



40.9331, 46.5532, 33.6970



41.3247, 46.5532, 73.3040



47.7360, 46.5532, 72.6040

Sweetspot

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



47.3060, 46.5554, 33.2815



87.7088, 90.8814, 89.3003



45.3610, 37.4487, 48.7156



18.5331, 19.1506, 18.4830



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.



47.3060, 46.5554, 33.2815



68.5764, 66.0446, 41.5264



54.4578, 60.8590, 35.6654



12.2451, 12.6808, 12.4143



18.8322, 13.5975, 1.6320



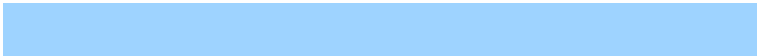
1.1318, 0.9179, 0.1175

Inverse Universe

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



39.9583, 43.7693, 67.9704



55.4516, 61.0619, 103.4713



34.0725, 31.9975, 66.0085



11.6903, 12.4708, 15.0346



10.9047, 10.4560, 38.6360



0.6885, 0.7422, 2.1865

Previews

White Background



This preview shows how the XYZ color 47.3048, 46.5532, 33.2805 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 47.3048, 46.5532, 33.2805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

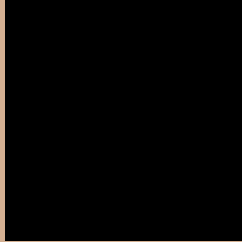
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3048, 46.5532, 33.2805

Background



This preview shows how black text looks on a background with the XYZ color 47.3048, 46.5532, 33.2805.



This preview shows how white text looks on a background with the XYZ color 47.3048, 46.5532,

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

47.3048, 46.5532, 33.2805

Protanopia

43.8615, 46.5233, 34.6851

Deuteranopia

47.5922, 46.7013, 33.2939



Tritanopia

50.9463, 46.6154, 51.1123

Trichromacy



Original Color

47.3048, 46.5532, 33.2805

Protanomaly

45.2060, 46.6261, 34.2209

Deuteranomaly

47.5922, 46.7013, 33.2939

Tritanomaly

49.6455, 46.6658, 43.9269

Monochromacy



Original Color

47.3048, 46.5532, 33.2805

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.2739, 46.4422, 44.1142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3048, 46.5532, 33.2805 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(211, 175, 145)` looks like.

```
.text, #text, p{  
    color:rgb(211, 175, 145)  
}
```

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(211, 175, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 175, 145) }
```

Border

The CSS property to change the border of an element to XYZ 47.3048, 46.5532, 33.2805 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(211, 175, 145) }
```


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

```
.border{ border-color:rgb(211, 175, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 175, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 175, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 175, 145);  
box-shadow:4px 4px 4px 4px rgb(211, 175,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3048, 46.5532, 33.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 175, 145) }
```

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

```
.background{ background-color: rgb(211,  
175, 145) }
```

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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