

Converting Colors

XYZ(46.5846, 46.3288, 30.5769)

Have a look what the booklet for
XYZ(46.5846, 46.3288, 30.5769)
contains.

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Color

**XYZ(46.4958, 46.1966,
30.5110)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D2AF8A |
| RGB | 210, 175, 138 |
| RGB Percent | 82%, 69%, 54% |
| CMY | 0.1765, 0.3137, 0.4588 |
| CMYK | 0.00, 0.17, 0.34, 0.18 |
| HSL | 31°, 44%, 68% |
| HSV | 31°, 34%, 82% |
| XYZ | 46.4958, 46.1966, 30.5110 |
| YIQ | 181.2470, 32.7370, -4.0870 |

Conversions

Conversions Part 2

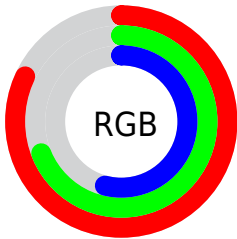
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 206, 210, 138 |
| Decimal | 13807498 |
| CIE Lab | 73.67, 7.45, 23.73 |
| CIE LCh | 74, 24.873, 72.577 |
| Yxy | 46.1966, 0.3774, 0.3750 |
| Android (android.graphics.Color) | 4291997578 (0xFFD2AF8A) |
| YUV | 181.2470, -21.3208, 25.2164 |
| Hunter-Lab | 67.9681, 3.1647, 20.9623 |

Details

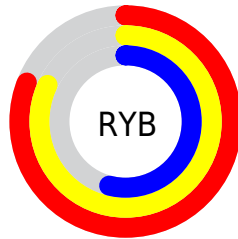
The XYZ color **46.4958, 46.1966, 30.5110** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.0572, 39.9423, 66.7294**, and the grayscale version is **44.1550, 46.4545, 50.5890**.

A 20% lighter version of the original color is **79.0512, 81.6594, 61.4646**, and **22.1708, 21.7405, 12.2603** is the 20% darker color. If you saturate the color by 10%, you get **43.2082, 41.8237, 22.6256**, and if you desaturate by 10%, it is **50.2300, 50.9918, 39.9966**.

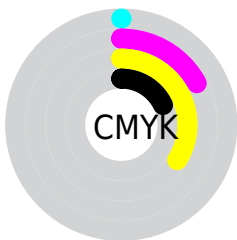
Distribution



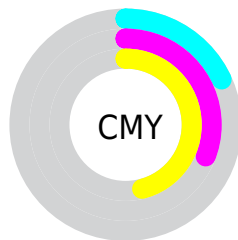
- Red (82%)
- Green (69%)
- Blue (54%)



- Red (81%)
- Yellow (82%)
- Blue (54%)



- Cyan (0%)
- Magenta (17%)
- Yellow (34%)
- Black (18%)




- Cyan (18%)
- Magenta (31%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.4958, 46.1966, 30.5110 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 46.4958, 46.1966, 30.5110 by changing the saturation by 10% instead.


 46.4958, 46.1966,
30.5110

 46.4958, 46.1966,
30.5110


363.4810,
371.5985, 318.5603


 32.8435, 32.4010,
19.9714


 84.1839, 84.5132,
61.5399

 22.1653, 21.6680,
12.1904


 108.9503,
109.8029, 82.8663

 14.0957, 13.6131,
6.7494


 138.1523,
139.6928, 108.6254

 8.2694, 7.8521,
3.2298

172.1550,
174.5672, 139.2357

 4.3210, 4.0004,
1.2131

211.3239,
214.8106, 175.1159

 1.8853, 1.6738,
0.0000

256.0242,

 0.5683, 0.4066,

260.8074, 216.6843

0.0000

306.6215,
312.9419, 264.3596

■ 0.0000, 0.0000,
0.0000

■ 46.4958, 46.1966,
30.5110

■ 46.4958, 46.1966,
30.5110

■ 43.2082, 41.8237,
22.6256

■ 50.2300, 50.9918,
39.9966

■ 40.3432, 37.8531,
16.2468

■ 54.4260, 56.2155,
51.1630

■ 37.8800, 34.2729,
11.2757


■ 59.1027, 61.8817,
64.0887


■ 35.7939, 31.0673,
7.6003


■ 64.2766, 68.0021,
78.8464


■ 34.0569, 28.2194,
5.0908


■ 69.9637, 74.5875,
95.5047

 32.6354, 25.7095,
3.5902

 74.6951, 81.0552,
106.3161

 31.9336, 24.4121,
3.0289

 77.7226, 87.1100,
107.3252

 80.3884, 92.4417,
108.2138

Harmonies

Analogous

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



50.4509, 46.1966, 35.5981



46.4958, 46.1966, 30.5110



42.0884, 46.1966, 30.1319

Triad

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



46.4958, 46.1966, 30.5110



36.1440, 46.1966, 55.7739



49.8970, 46.1966, 70.3780

Complementary

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



46.4958, 46.1966, 30.5110



37.0572, 39.9423, 66.7294

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.



45.7803, 46.1966, 77.9093



46.4958, 46.1966, 30.5110



37.9577, 46.1966, 68.5780

Square

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



46.4958, 46.1966, 30.5110



36.3071, 46.1966, 43.3758



41.4190, 46.1966, 77.2003



52.5030, 46.1966, 57.9249

Rectangle

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



46.4958, 46.1966, 30.5110



39.5007, 46.1966, 32.4912



41.4190, 46.1966, 77.2003



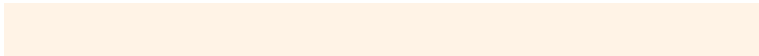
48.6326, 46.1966, 73.6559

Sweetspot

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



46.4970, 46.1987, 30.5119



87.3855, 90.8106, 87.4178



43.3072, 34.9351, 44.5055



18.4869, 19.1730, 18.1141



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.



46.4970, 46.1987, 30.5119



68.4179, 66.7497, 38.3225



54.2126, 61.6300, 33.0838



12.3040, 12.7986, 12.4339



19.5801, 15.0932, 1.8813



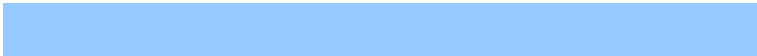
1.1741, 1.0025, 0.1316

Inverse Universe

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



37.0572, 39.9423, 66.7294



51.6594, 55.6443, 102.6254



31.2031, 28.2340, 64.7780



11.6312, 12.3526, 15.0149



10.0982, 8.8431, 38.3671



0.6439, 0.6531, 2.1717

Previews

White Background



This preview shows how the XYZ color 46.4958, 46.1966, 30.5110 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 46.4958, 46.1966, 30.5110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

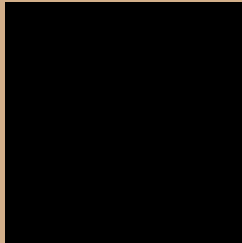
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.4958, 46.1966, 30.5110

Background



This preview shows how black text looks on a background with the XYZ color 46.4958, 46.1966, 30.5110.



This preview shows how white text looks on a background with the XYZ color 46.4958, 46.1966,

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

46.4958, 46.1966, 30.5110

Protanopia

43.3239, 46.3083, 31.8543

Deuteranopia

47.1641, 46.2532, 30.4867



Tritanopia

50.6558, 46.2004, 50.5037

Trichromacy



Original Color

46.4958, 46.1966, 30.5110

Protanomaly

44.4069, 46.2758, 31.4026

Deuteranomaly

46.8749, 46.1041, 30.4732

Tritanomaly

48.8864, 46.0251, 42.3835

Monochromacy



Original Color

46.4958, 46.1966, 30.5110

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.6499, 46.1633, 42.1544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4958, 46.1966, 30.5110 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(210, 175, 138)` looks like.

```
.text, #text, p{  
    color:rgb(210, 175, 138)  
}
```

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(210, 175, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 175, 138) }
```

Border

The CSS property to change the border of an element to XYZ 46.4958, 46.1966, 30.5110 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(210, 175, 138) }
```


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

```
.border{ border-color:rgb(210, 175, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 175, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 175, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 175, 138);  
box-shadow:4px 4px 4px 4px rgb(210, 175,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4958, 46.1966, 30.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 175, 138) }
```

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

```
.background{ background-color: rgb(210,  
175, 138) }
```

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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