

Converting Colors

XYZ(48.4474, 44.5589, 29.2063)

Have a look what the booklet for
XYZ(48.4474, 44.5589, 29.2063)
contains.

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Color

**XYZ(48.3305, 44.3758,
29.3106)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA588
RGB	223, 165, 136
RGB Percent	87%, 65%, 53%
CMY	0.1255, 0.3529, 0.4667
CMYK	0.00, 0.26, 0.39, 0.13
HSL	20°, 58%, 70%
HSV	20°, 39%, 87%
XYZ	48.3305, 44.3758, 29.3106
YIQ	179.0360, 43.8770, 3.2770

Conversions

Conversions Part 2

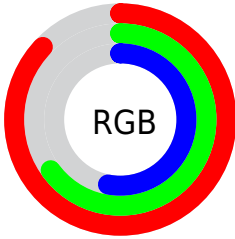
Format	Color
R _Y B	223, 180, 136
Decimal	14656904
CIE Lab	72.48, 17.71, 23.41
CIE LCh	72, 29.356, 52.897
Yxy	44.3758, 0.3961, 0.3637
Android (android.graphics.Color)	4292846984 (0xFFDFA588)
YUV	179.0360, -21.2167, 38.5564
Hunter-Lab	66.6152, 12.9284, 20.5431

Details

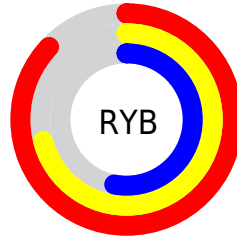
The XYZ color **48.3305, 44.3758, 29.3106** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.7637, 49.1437, 77.0439**, and the grayscale version is **42.9610, 45.1984, 49.2210**.

A 20% lighter version of the original color is **76.0185, 76.1205, 58.8302**, and **23.3107, 20.5891, 11.5496** is the 20% darker color. If you saturate the color by 10%, you get **44.3805, 38.7536, 20.9717**, and if you desaturate by 10%, it is **52.9242, 50.7575, 39.4917**.

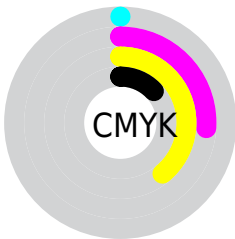
Distribution



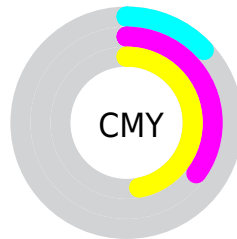
- Red (87%)
- Green (65%)
- Blue (53%)



- Red (87%)
- Yellow (71%)
- Blue (53%)



- Cyan (0%)
- Magenta (26%)
- Yellow (39%)
- Black (13%)




- Cyan (13%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3305, 44.3758, 29.3106 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 48.3305, 44.3758, 29.3106 by changing the saturation by 10% instead.


 48.3305, 44.3758,
29.3106


 48.3305, 44.3758,
29.3106


370.6615,
364.2396, 312.7843


 34.3010, 30.9661,
19.0683


 86.9030, 81.7829,
59.6183

 23.2889, 20.5730,
11.5423


 112.1767,
106.5491, 80.5207

 14.9289, 12.8122,
6.3141


 141.9293,
135.8696, 105.8137

 8.8555, 7.2994,
2.9652

176.5260,
170.1287, 135.9156

 4.7034, 3.6500,
1.0769

216.3322,
209.7108, 171.2451

 2.1073, 1.4798,
0.0000

261.7133,

 0.6932, 0.2744,

255.0004, 212.2207

0.0000

313.0346,
306.3819, 259.2609

0.0000, 0.0000,
0.0000

48.3305, 44.3758,
29.3106

48.3305, 44.3758,
29.3106

44.3805, 38.7536,
20.9717

52.9242, 50.7575,
39.4917

41.0395, 33.8550,
14.3602

58.1872, 57.9201,
51.6148

38.2746, 29.6505,
9.3526

64.1476, 65.8920,
65.7758

36.0477, 26.1059,
5.8074

70.8310, 74.6981,
82.0632

34.3152, 23.1834,
3.5580

78.2615, 84.3625,
100.5606

■ 33.0151, 20.8360,
2.3449

■ 83.9862, 93.9175,
108.3091

■ 32.9034, 20.6318,
2.2481

■ 84.2414, 94.4280,
108.3942

Harmonies

Analogous

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



51.8015, 44.3758, 38.2573



48.3305, 44.3758, 29.3106



43.3938, 44.3758, 25.5871

Triad

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



48.3305, 44.3758, 29.3106



33.2323, 44.3758, 44.9497



46.0819, 44.3758, 78.8383

Complementary

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



48.3305, 44.3758, 29.3106



42.7637, 49.1437, 77.0439

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.



40.9849, 44.3758, 81.6197



48.3305, 44.3758, 29.3106



33.8267, 44.3758, 60.0032

Square

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



48.3305, 44.3758, 29.3106



34.8771, 44.3758, 33.3683



36.5709, 44.3758, 74.1535



50.4324, 44.3758, 67.1739

Rectangle

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



48.3305, 44.3758, 29.3106



40.0412, 44.3758, 25.9088



36.5709, 44.3758, 74.1535



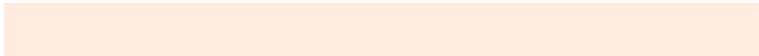
44.3893, 44.3758, 80.9273

Sweetspot

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



48.3316, 44.3779, 29.3115



84.3433, 85.8524, 82.9316



48.9734, 37.1917, 55.6368



17.8220, 18.0677, 17.2002



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.



48.3316, 44.3779, 29.3115



60.9745, 53.7150, 30.1314



57.5535, 62.8217, 32.3854



14.0787, 14.4434, 14.3526



19.4397, 12.3173, 1.3529



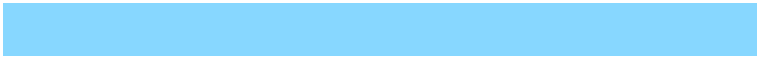
1.4278, 1.0145, 0.1206

Inverse Universe

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



42.7637, 49.1437, 77.0439



52.3773, 61.0063, 103.6226



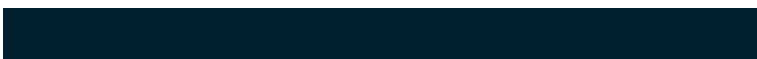
34.4593, 32.5350, 74.2758



13.7115, 14.7621, 17.5144



14.2267, 15.9229, 43.3720



1.0674, 1.2662, 3.0334

Previews

White Background



This preview shows how the XYZ color 48.3305, 44.3758, 29.3106 looks on a white background.

Color Contrast Check

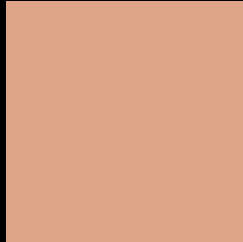
Large Text (above 18pt) WCAG AA × Fail

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 48.3305, 44.3758, 29.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

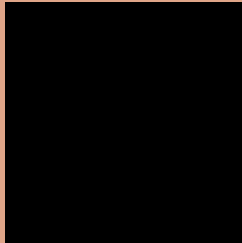
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3305, 44.3758, 29.3106

Background



This preview shows how black text looks on a background with the XYZ color 48.3305, 44.3758, 29.3106.



This preview shows how white text looks on a background with the XYZ color 48.3305, 44.3758,

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

48.3305, 44.3758, 29.3106

Protanopia

41.7891, 44.6126, 31.9998

Deuteranopia

45.5144, 44.5767, 29.1270



Tritanopia

51.3812, 44.2889, 44.8703

Trichromacy



Original Color

48.3305, 44.3758, 29.3106

Protanomaly

43.7646, 44.1981, 31.0354

Deuteranomaly

46.5855, 44.5723, 29.0697

Tritanomaly

50.2297, 44.3514, 38.7142

Monochromacy



Original Color

48.3305, 44.3758, 29.3106

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.2526, 44.5185, 40.9109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3305, 44.3758, 29.3106 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, 165, 136)` looks like.

```
.text, #text, p{  
    color:rgb(223, 165, 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(223, 165, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 165, 136) }
```

Border

The CSS property to change the border of an element to XYZ 48.3305, 44.3758, 29.3106 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, 165, 136) }
```


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

```
.border{ border-color:rgb(223, 165, 136) }
```

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

Here you see how a box with a 4 pixel rgb(223, 165, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 165, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 165, 136);  
box-shadow:4px 4px 4px 4px rgb(223, 165,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3305, 44.3758, 29.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 165, 136) }
```

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

```
.background{ background-color: rgb(223,  
165, 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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