

Converting Colors

XYZ(48.3599, 44.2364, 28.6512)

Have a look what the booklet for
XYZ(48.3599, 44.2364, 28.6512)
contains.

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Color

**XYZ(48.3190, 44.1194,
28.5235)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A486
RGB	224, 164, 134
RGB Percent	88%, 64%, 53%
CMY	0.1216, 0.3568, 0.4745
CMYK	0.00, 0.27, 0.40, 0.12
HSL	20°, 59%, 70%
HSV	20°, 40%, 88%
XYZ	48.3190, 44.1194, 28.5235
YIQ	178.5200, 45.3900, 3.3900

Conversions

Conversions Part 2

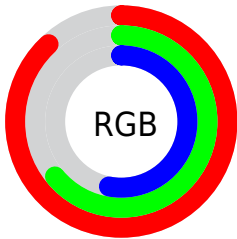
Format	Color
R _Y B	224, 179, 134
Decimal	14722182
CIE Lab	72.31, 18.41, 24.28
CIE LCh	72, 30.476, 52.830
Yxy	44.1194, 0.3995, 0.3647
Android (android.graphics.Color)	4292912262 (0xFFE0A486)
YUV	178.5200, -21.9484, 39.8860
Hunter-Lab	66.4224, 13.6106, 21.0351

Details

The XYZ color **48.3190, 44.1194, 28.5235** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.5772, 49.0320, 77.7410**, and the grayscale version is **42.6894, 44.9126, 48.9098**.

A 20% lighter version of the original color is **75.5412, 75.5109, 57.6073**, and **23.3308, 20.4439, 11.1039** is the 20% darker color. If you saturate the color by 10%, you get **44.4020, 38.5264, 20.3093**, and if you desaturate by 10%, it is **52.8829, 50.4765, 38.5868**.

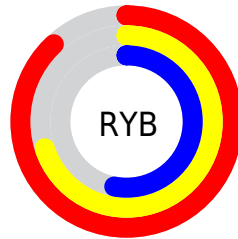
Distribution



Red (88%)

Green (64%)

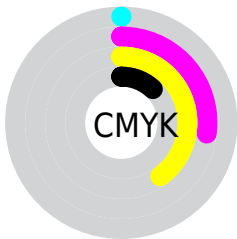
Blue (53%)



Red (88%)

Yellow (70%)

Blue (53%)

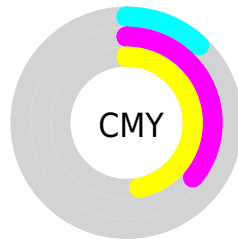


Cyan (0%)

Magenta (27%)

Yellow (40%)

Black (12%)



Cyan (12%)


Magenta (36%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3190, 44.1194, 28.5235 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 48.3190, 44.1194, 28.5235 by changing the saturation by 10% instead.


 48.3190, 44.1194,
28.5235


 48.3190, 44.1194,
28.5235


370.6168,
363.1953, 308.9503


 34.2919, 30.7644,
18.4782


 86.8860, 81.3974,
58.3523

 23.2819, 20.4195,
11.1209


 112.1566,
106.0891, 78.9728

 14.9236, 12.7003,
6.0330


 141.9057,
135.3286, 103.9555

 8.8518, 7.2225,
2.7960

176.4987,
169.5002, 133.7189

 4.7010, 3.6017,
0.9915

216.3010,
208.9882, 168.6816

 2.1058, 1.4533,
0.0000

261.6778,

 0.6924, 0.2555,

254.1772, 209.2620

0.0000

312.9946,
305.4514, 255.8787

■ 0.0000, 0.0000,
0.0000

■ 48.3190, 44.1194,
28.5235

■ 48.3190, 44.1194,
28.5235

■ 44.4020, 38.5264,
20.3093

■ 52.8829, 50.4765,
38.5868

■ 41.0968, 33.6612,
13.8269

■ 58.1199, 57.6197,
50.6011

■ 38.3694, 29.4937,
8.9496


■ 64.0588, 65.5777,
64.6642


■ 36.1809, 25.9887,
5.5320


■ 70.7253, 74.3761,
80.8664

■ 34.4864, 23.1075,
3.4017

■ 78.1442, 84.0391,
99.2925

 33.2348, 20.8359,
2.2701

 84.1050, 93.6965,
108.2602

 84.5505, 94.5873,
108.4086

Harmonies

Analogous

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



51.9195, 44.1194, 37.6929



48.3190, 44.1194, 28.5235



43.2040, 44.1194, 24.7251

Triad

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



48.3190, 44.1194, 28.5235



32.7133, 44.1194, 44.5270



45.9649, 44.1194, 79.8322

Complementary

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



48.3190, 44.1194, 28.5235



42.5772, 49.0320, 77.7410

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.



40.6894, 44.1194, 82.7203



48.3190, 44.1194, 28.5235



33.3189, 44.1194, 60.1226

Square

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



48.3190, 44.1194, 28.5235



34.4091, 44.1194, 32.6324



36.1381, 44.1194, 74.8862



50.4833, 44.1194, 67.6603

Rectangle

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



48.3190, 44.1194, 28.5235



39.7371, 44.1194, 25.0441



36.1381, 44.1194, 74.8862



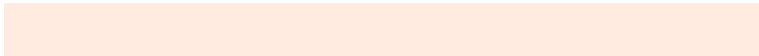
44.2108, 44.1194, 82.0119

Sweetspot

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



48.3201, 44.1215, 28.5244



84.3433, 85.8523, 82.9316



49.0034, 36.7930, 55.5582



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.



48.3201, 44.1215, 28.5244



60.4677, 52.9856, 29.0859



57.8442, 63.1696, 31.6991



14.0787, 14.4434, 14.3526



19.4397, 12.3173, 1.3529



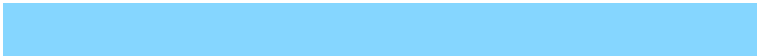
1.4278, 1.0145, 0.1206

Inverse Universe

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



42.5772, 49.0320, 77.7410



51.7554, 60.3653, 103.5316



34.0339, 31.9456, 74.8933



13.7115, 14.7622, 17.5144



14.2268, 15.9231, 43.3720



1.0674, 1.2663, 3.0334

Previews

White Background



This preview shows how the XYZ color 48.3190, 44.1194, 28.5235 looks on a white background.

Color Contrast Check

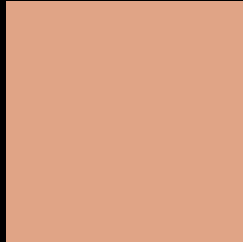
Large Text (above 18pt) WCAG AA × Fail

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 48.3190, 44.1194, 28.5235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

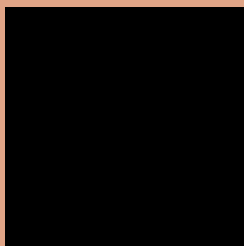
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3190, 44.1194, 28.5235

Background



This preview shows how black text looks on a background with the XYZ color 48.3190, 44.1194, 28.5235.



This preview shows how white text looks on a background with the XYZ color 48.3190, 44.1194,

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

48.3190, 44.1194, 28.5235

Protanopia

41.4420, 44.1565, 31.1498

Deuteranopia

45.1867, 44.1445, 28.3295



Tritanopia

51.7437, 44.2305, 44.3382

Trichromacy



Original Color

48.3190, 44.1194, 28.5235

Protanomaly

43.6971, 43.8966, 30.2146

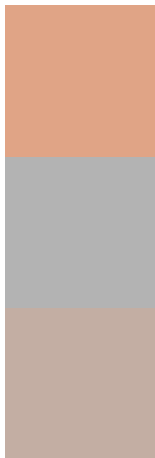
Deuteranomaly

46.2606, 44.1458, 28.2731

Tritanomaly

50.5950, 44.2893, 38.2298

Monochromacy



Original Color

48.3190, 44.1194, 28.5235

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 48.3190, 44.1194, 28.5235 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(224, 164, 134)` looks like.

```
.text, #text, p{  
    color:rgb(224, 164, 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(224, 164, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 164, 134) }
```

Border

The CSS property to change the border of an element to XYZ 48.3190, 44.1194, 28.5235 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(224, 164, 134) }
```


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

```
.border{ border-color:rgb(224, 164, 134) }
```

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

Here you see how a box with a 4 pixel rgb(224, 164, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 164, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 164, 134);  
box-shadow:4px 4px 4px 4px rgb(224, 164,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3190, 44.1194, 28.5235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 164, 134) }
```

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

```
.background{ background-color: rgb(224,  
164, 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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