

Converting Colors

XYZ(44.5491, 39.0659, 16.5241)

Have a look what the booklet for
XYZ(44.5491, 39.0659, 16.5241)
contains.

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Color

**XYZ(44.5883, 39.1650,
16.5188)**

Conversions

Conversions Part 1

Format	Color
Hex	E29761
RGB	226, 151, 97
RGB Percent	89%, 59%, 38%
CMY	0.1137, 0.4078, 0.6196
CMYK	0.00, 0.33, 0.57, 0.11
HSL	25°, 69%, 63%
HSV	25°, 57%, 89%
XYZ	44.5883, 39.1650, 16.5188
YIQ	167.2690, 62.0340, -0.8940

Conversions

Conversions Part 2

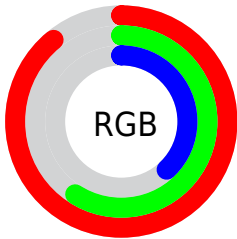
Format	Color
R _{YB}	226, 190, 97
Decimal	14849889
CIE Lab	68.87, 22.68, 39.66
CIE LCh	69, 45.689, 60.232
Yxy	39.1650, 0.4447, 0.3906
Android (android.graphics.Color)	4293039969 (0xFFE29761)
YUV	167.2690, -34.6426, 51.5071
Hunter-Lab	62.5819, 17.6590, 28.1575

Details

The XYZ color **44.5883, 39.1650, 16.5188** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.4090, 37.5357, 77.4355**, and the grayscale version is **37.0052, 38.9323, 42.3973**.

A 20% lighter version of the original color is **68.4961, 67.0926, 37.7738**, and **21.0479, 17.5516, 5.1842** is the 20% darker color. If you saturate the color by 10%, you get **41.6830, 34.8075, 11.0713**, and if you desaturate by 10%, it is **48.0313, 44.1178, 23.6269**.

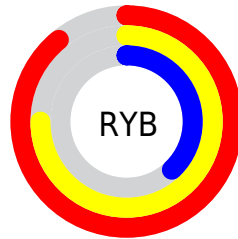
Distribution



Red (89%)

Green (59%)

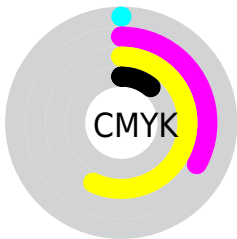
Blue (38%)



Red (89%)

Yellow (75%)

Blue (38%)

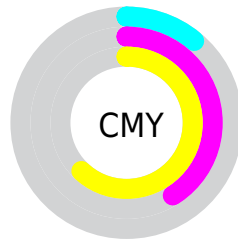


Cyan (0%)

Magenta (33%)

Yellow (57%)

Black (11%)



Cyan (11%)

Magenta (41%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5883, 39.1650, 16.5188 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 44.5883, 39.1650, 16.5188 by changing the saturation by 10% instead.

44.5883, 39.1650,
16.5188

44.5883, 39.1650,
16.5188

355.9154,
342.5915, 244.3332

31.3332, 26.8881,
9.7337

81.3431, 73.8903,
38.2758

21.0057, 17.4892,
5.1195

105.5736, 97.1075,
54.0848

13.2407, 10.5839,
2.2576

134.1931,
124.7403, 73.7388

7.6726, 5.7878,
0.7073

167.5672,
157.1730, 97.6564

3.9362, 2.7165,
0.0000

206.0611,
194.7901, 126.2560

1.6661, 0.9856,
0.0000

250.0402,

0.4349, 0.0000,

237.9760, 159.9564

0.0000

299.8698,
287.1150, 199.1760

■ 0.0000, 0.0000,
0.0000

■ 44.5883, 39.1650,
16.5188

■ 44.5883, 39.1650,
16.5188

■ 41.6830, 34.8075,
11.0713

■ 48.0313, 44.1178,
23.6269

■ 39.2786, 31.0135,
7.1415

■ 52.0397, 49.6840,
32.5178

■ 37.3372, 27.7565,
4.5652

■ 56.6423, 55.8880,
43.3048

■ 35.8101, 25.0033,
3.1283

■ 61.8651, 62.7508,
56.0909

■ 35.4214, 24.2837,
2.8203

■ 67.7323, 70.2926,
70.9717

■ 74.2666, 78.5324,
88.0366

■ 81.4574, 87.4756,
107.1990

■ 85.1739, 94.9087,
108.4378

Harmonies

Analogous

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



50.6230, 39.1650, 25.5278



44.5883, 39.1650, 16.5188



37.1687, 39.1650, 13.8733

Triad

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



44.5883, 39.1650, 16.5188



24.9470, 39.1650, 42.8060



44.6987, 39.1650, 87.3039

Complementary

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



44.5883, 39.1650, 16.5188



33.4090, 37.5357, 77.4355

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.



37.2817, 39.1650, 96.3590



44.5883, 39.1650, 16.5188



26.4281, 39.1650, 66.0841

Square

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



44.5883, 39.1650, 16.5188



26.3831, 39.1650, 25.7273



30.7208, 39.1650, 87.5650



50.6924, 39.1650, 65.7096

Rectangle

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



44.5883, 39.1650, 16.5188



32.6071, 39.1650, 15.0719



30.7208, 39.1650, 87.5650



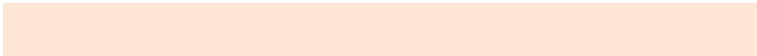
42.2599, 39.1650, 92.1776

Sweetspot

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



44.5892, 39.1670, 16.5195



81.3203, 82.4772, 73.6898



43.1092, 27.7066, 42.2318



17.0943, 17.2478, 14.9986



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.



44.5892, 39.1670, 16.5195



54.3353, 45.0381, 13.7325



57.8857, 65.7600, 20.9517



14.1764, 14.6387, 14.3852



20.3194, 14.0767, 1.6461



1.4954, 1.1497, 0.1431

Inverse Universe

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



33.4090, 37.5357, 77.4355



38.3064, 42.6187, 100.8150



23.9937, 18.7052, 74.2971



13.6106, 14.5604, 17.4808



12.6114, 12.6923, 42.8335



0.9621, 1.0556, 2.9983

Previews

White Background



This preview shows how the XYZ color 44.5883, 39.1650, 16.5188 looks on a white background.

Color Contrast Check

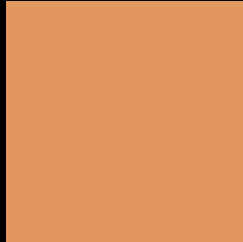
Large Text (above 18pt) WCAG AA × Fail

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 44.5883, 39.1650, 16.5188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

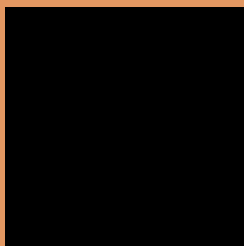
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.5883, 39.1650, 16.5188

Background



This preview shows how black text looks on a background with the XYZ color 44.5883, 39.1650, 16.5188.



This preview shows how white text looks on a background with the XYZ color 44.5883, 39.1650,

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

44.5883, 39.1650, 16.5188

Protanopia

36.2180, 39.1749, 18.4846

Deuteranopia

39.9873, 39.2951, 16.3036



Tritanopia

48.5228, 39.1361, 36.0069

Trichromacy



Original Color

44.5883, 39.1650, 16.5188

Protanomaly

38.8225, 38.9224, 17.7785

Deuteranomaly

41.6089, 39.1046, 16.4212

Tritanomaly

47.0499, 39.2467, 27.6498

Monochromacy



Original Color

44.5883, 39.1650, 16.5188

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.3664, 38.1341, 30.9297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5883, 39.1650, 16.5188 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(226, 151, 97)` looks like.

```
.text, #text, p{  
    color:rgb(226, 151, 97)  
}
```

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(226, 151, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 151, 97) }
```

Border

The CSS property to change the border of an element to XYZ 44.5883, 39.1650, 16.5188 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(226, 151, 97) }
```


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

```
.border{ border-color:rgb(226, 151, 97) }
```

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

Here you see how a box with a 4 pixel rgb(226, 151, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 151, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 151, 97);  
box-shadow:4px 4px 4px 4px rgb(226, 151,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5883, 39.1650, 16.5188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 151, 97) }
```

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

```
.background{ background-color: rgb(226,  
151, 97) }
```

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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