

Converting Colors

XYZ(43.9797, 36.3919, 16.3980)

Have a look what the booklet for
XYZ(43.9797, 36.3919, 16.3980)
contains.

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Color

**XYZ(43.9433, 36.3150,
16.4978)**

Conversions

Conversions Part 1

Format	Color
Hex	E58C63
RGB	229, 140, 99
RGB Percent	90%, 55%, 39%
CMY	0.1020, 0.4510, 0.6118
CMYK	0.00, 0.39, 0.57, 0.10
HSL	19°, 71%, 64%
HSV	19°, 57%, 90%
XYZ	43.9433, 36.3150, 16.4978
YIQ	161.9370, 66.2050, 6.1170

Conversions

Conversions Part 2

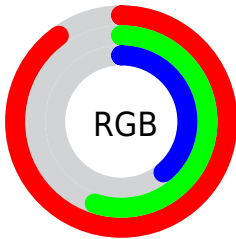
Format	Color
R _Y B	229, 159, 99
Decimal	15043683
CIE Lab	66.76, 29.90, 36.07
CIE LCh	67, 46.848, 50.341
Yxy	36.3150, 0.4542, 0.3753
Android (android.graphics.Color)	4293233763 (0xFFE58C63)
YUV	161.9370, -31.0279, 58.8143
Hunter-Lab	60.2619, 24.7047, 25.9516

Details

The XYZ color **43.9433, 36.3150, 16.4978** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **37.2706, 44.2740, 80.7098**, and the grayscale version is **34.4330, 36.2262, 39.4503**.

A 20% lighter version of the original color is **66.0368, 62.0456, 37.3496**, and **20.5321, 15.8188, 5.1031** is the 20% darker color. If you saturate the color by 10%, you get **40.8700, 31.6792, 10.8166**, and if you desaturate by 10%, it is **47.6550, 41.7313, 23.9236**.

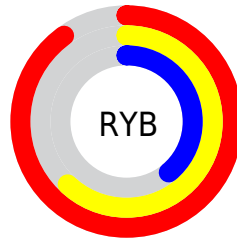
Distribution



Red (90%)

Green (55%)

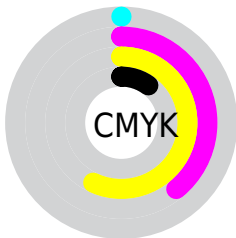
Blue (39%)



Red (90%)

Yellow (62%)

Blue (39%)

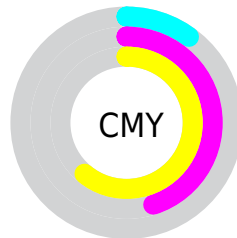


Cyan (0%)

Magenta (39%)

Yellow (57%)

Black (10%)



Cyan (10%)

Magenta (45%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9433, 36.3150, 16.4978 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 43.9433, 36.3150, 16.4978 by changing the saturation by 10% instead.

43.9433, 36.3150,
16.4978

43.9433, 36.3150,
16.4978

353.3330,
330.3353, 244.2067

30.8237, 24.6776,
9.7189

80.3793, 69.5180,
38.2390

20.6158, 15.8370,
5.1098

104.4263, 91.8523,
54.0385

12.9543, 9.4089,
2.2520

132.8466,
118.5211, 73.6818

7.4739, 5.0088,
0.7041

166.0054,
149.9087, 97.5877

3.8091, 2.2524,
0.0000

204.2680,
186.3995, 126.1745

1.5947, 0.7484,
0.0000

248.0000,

0.3890, 0.0000,

228.3780, 159.8610

0.0000

297.5665,
276.2284, 199.0655

■ 0.0000, 0.0000,
0.0000

■ 43.9433, 36.3150,
16.4978

■ 43.9433, 36.3150,
16.4978

■ 40.8700, 31.6792,
10.8166

■ 47.6550, 41.7313,
23.9236

■ 38.3919, 27.7802,
6.7312

■ 52.0394, 47.9581,
33.2219

■ 36.4634, 24.5778,
4.0707

■ 57.1311, 55.0301,
44.5108

■ 35.0284, 22.0239,
2.6174

■ 62.9613, 62.9785,
57.8981

■ 34.6454, 21.3228,
2.2897

■ 69.5595, 71.8328,
73.4838

■ 76.9534, 81.6209,
91.3613

■ 84.4688, 92.0896,
107.9308

■ 86.1230, 95.3979,
108.4822

Harmonies

Analogous

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



48.9019, 36.3150, 27.4893



43.9433, 36.3150, 16.4978



36.8488, 36.3150, 12.2328

Triad

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



43.9433, 36.3150, 16.4978



22.7709, 36.3150, 33.3594



39.4624, 36.3150, 88.4545

Complementary

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



43.9433, 36.3150, 16.4978



37.2706, 44.2740, 80.7098

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.



32.2844, 36.3150, 91.7030



43.9433, 36.3150, 16.4978



23.2710, 36.3150, 54.6825

Square

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



43.9433, 36.3150, 16.4978



25.0699, 36.3150, 19.5290



26.5443, 36.3150, 77.7410



46.0797, 36.3150, 69.9697

Rectangle

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



43.9433, 36.3150, 16.4978



32.1324, 36.3150, 12.2696



26.5443, 36.3150, 77.7410



37.0153, 36.3150, 91.5622

Sweetspot

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



43.9442, 36.3169, 16.4985



80.0924, 80.0215, 73.2805



46.0692, 29.2996, 51.9425



16.8059, 16.6711, 14.9024



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.



43.9442, 36.3169, 16.4985



51.5936, 39.5547, 12.8186



55.9211, 60.2707, 20.4908



14.7461, 15.1061, 15.0430



19.9040, 12.3821, 1.3409



1.5518, 1.0770, 0.1261

Inverse Universe

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



37.2706, 44.2740, 80.7098



42.2200, 50.4459, 102.1195



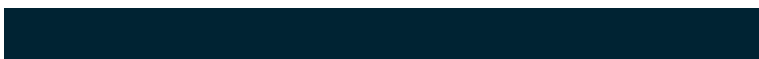
26.6223, 22.9773, 77.1603



14.4039, 15.5293, 18.3826



15.0698, 17.2018, 44.9092



1.1960, 1.4360, 3.3461

Previews

White Background



This preview shows how the XYZ color 43.9433, 36.3150, 16.4978 looks on a white background.

Color Contrast Check

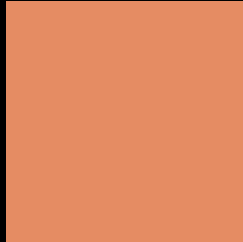
Large Text (above 18pt) WCAG AA × Fail

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 43.9433, 36.3150, 16.4978 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 43.9433, 36.3150, 16.4978

Background



This preview shows how black text looks on a background with the XYZ color 43.9433, 36.3150, 16.4978.



This preview shows how white text looks on a background with the XYZ color 43.9433, 36.3150,

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

43.9433, 36.3150, 16.4978

Protanopia

33.9354, 36.6242, 19.4679

Deuteranopia

37.1214, 36.2930, 16.1151



Tritanopia

46.8378, 36.2196, 30.9080

Trichromacy



Original Color

43.9433, 36.3150, 16.4978

Protanomaly

37.0361, 36.1984, 18.3996

Deuteranomaly

39.3585, 36.2311, 16.2281

Tritanomaly

45.6554, 36.1558, 24.9945

Monochromacy



Original Color

43.9433, 36.3150, 16.4978

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.4655, 35.4144, 29.3398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9433, 36.3150, 16.4978 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(229, 140, 99)` looks like.

```
.text, #text, p{  
    color:rgb(229, 140, 99)  
}
```

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(229, 140, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 140, 99) }
```

Border

The CSS property to change the border of an element to XYZ 43.9433, 36.3150, 16.4978 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(229, 140, 99) }
```


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

```
.border{ border-color:rgb(229, 140, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 140, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 140, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 140, 99);  
box-shadow:4px 4px 4px 4px rgb(229, 140,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9433, 36.3150, 16.4978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 140, 99) }
```

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

```
.background{ background-color: rgb(229,  
140, 99) }
```

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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