

Converting Colors

XYZ(40.0330, 36.2735, 17.6484)

Have a look what the booklet for
XYZ(40.0330, 36.2735, 17.6484)
contains.

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Color

**XYZ(40.0596, 36.3230,
17.7316)**

Conversions

Conversions Part 1

Format	Color
Hex	D39567
RGB	211, 149, 103
RGB Percent	83%, 58%, 40%
CMY	0.1725, 0.4157, 0.5961
CMYK	0.00, 0.29, 0.51, 0.17
HSL	26°, 55%, 62%
HSV	26°, 51%, 83%
XYZ	40.0596, 36.3230, 17.7316
YIQ	162.2940, 51.7180, -1.1620

Conversions

Conversions Part 2

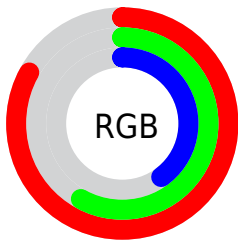
Format	Color
R _Y B	211, 183, 103
Decimal	13866343
CIE Lab	66.77, 18.13, 33.48
CIE LCh	67, 38.076, 61.565
Yxy	36.3230, 0.4256, 0.3859
Android (android.graphics.Color)	4292056423 (0xFFD39567)
YUV	162.2940, -29.2319, 42.7152
Hunter-Lab	60.2686, 13.1762, 24.7443

Details

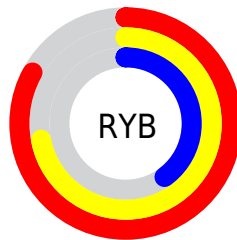
The XYZ color **40.0596, 36.3230, 17.7316** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.8059, 34.4955, 66.6626**, and the grayscale version is **34.5972, 36.3989, 39.6384**.

A 20% lighter version of the original color is **68.5123, 66.3384, 40.2040**, and **18.3837, 15.8812, 5.7109** is the 20% darker color. If you saturate the color by 10%, you get **37.3137, 32.3176, 12.2343**, and if you desaturate by 10%, it is **43.2738, 40.8375, 24.7041**.

Distribution



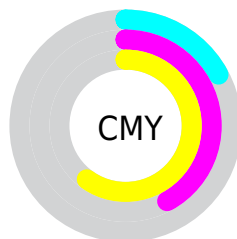
- Red (83%)
- Green (58%)
- Blue (40%)



- Red (83%)
- Yellow (72%)
- Blue (40%)



- Cyan (0%)
- Magenta (29%)
- Yellow (51%)
- Black (17%)




- Cyan (17%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0596, 36.3230, 17.7316 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 40.0596, 36.3230, 17.7316 by changing the saturation by 10% instead.


 40.0596, 36.3230,
17.7316


 40.0596, 36.3230,
17.7316

337.5048,
330.3701, 251.5389

 27.7694, 24.6838,
10.5900


 74.5380, 69.5303,
40.3872

 18.2915, 15.8416,
5.6812

 97.4570, 91.8672,
56.7383

 11.2604, 9.4121,
2.5866


 124.6496,
118.5387, 76.9963

 6.3109, 5.0110,
0.8855

 156.4812,
149.9293, 101.5797

 3.0775, 2.2537,
0.0000

193.3172,
186.4233, 130.9072

 1.1949, 0.7490,
0.0000

235.5229,

 0.1023, 0.0000,

228.4052, 165.3972

0.0000

283.4636,
276.2594, 205.4682

■ 0.0000, 0.0000,
0.0000

■ 40.0596, 36.3230,
17.7316

■ 40.0596, 36.3230,
17.7316

■ 37.3137, 32.3176,
12.2343

■ 43.2738, 40.8375,
24.7041

■ 35.0069, 28.7956,
8.0999

■ 46.9779, 45.8747,
33.2482

■ 33.1102, 25.7366,
5.2035

■ 51.1950, 51.4541,
43.4549

■ 31.5889, 23.1162,
3.3953

■ 55.9460, 57.5927,
55.4071

■ 30.5099, 21.1409,
2.4725

■ 61.2504, 64.3066,
69.1826

■ 67.1266, 71.6111,
84.8541

■ 73.5924, 79.5210,
102.4905

■ 77.8398, 86.9206,
107.2825

■ 80.6739, 92.5889,
108.2272

Harmonies

Analogous

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



44.8252, 36.3230, 25.1844



40.0596, 36.3230, 17.7316



34.2229, 36.3230, 15.5934

Triad

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



40.0596, 36.3230, 17.7316



24.6108, 36.3230, 40.4204



40.6397, 36.3230, 73.1216

Complementary

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



40.0596, 36.3230, 17.7316



30.8059, 34.4955, 66.6626

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.



34.8267, 36.3230, 80.3878



40.0596, 36.3230, 17.7316



25.9357, 36.3230, 58.5441

Square

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



40.0596, 36.3230, 17.7316



25.6871, 36.3230, 26.3091



29.5233, 36.3230, 74.4316



45.1854, 36.3230, 56.6206

Rectangle

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



40.0596, 36.3230, 17.7316



30.6182, 36.3230, 16.8088



29.5233, 36.3230, 74.4316



38.7484, 36.3230, 76.9025

Sweetspot

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



40.0605, 36.3248, 17.7323



82.8831, 84.5591, 77.4284



38.5973, 26.3028, 39.1193



17.4079, 17.6695, 15.7367



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.



40.0605, 36.3248, 17.7323



57.0972, 49.3364, 18.4310



50.4327, 57.0692, 21.1897



12.2168, 12.6243, 12.4049



18.5098, 12.9526, 1.5245



1.1129, 0.8801, 0.1112

Inverse Universe

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



30.8059, 34.4955, 66.6626



41.3867, 46.1817, 101.3404



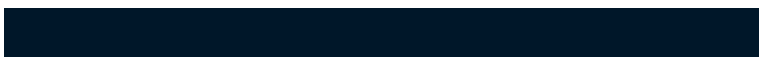
23.1458, 19.1754, 64.1092



11.7190, 12.5283, 15.0442



11.3346, 11.3157, 38.7792



0.7116, 0.7883, 2.1942

Previews

White Background



This preview shows how the XYZ color 40.0596, 36.3230, 17.7316 looks on a white background.

Color Contrast Check

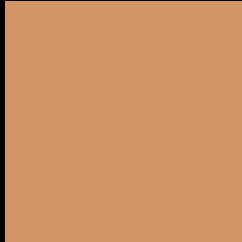
Large Text (above 18pt) WCAG AA × Fail

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 40.0596, 36.3230, 17.7316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

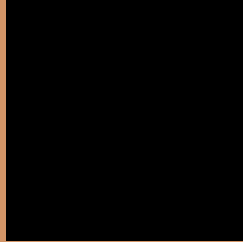
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0596, 36.3230, 17.7316

Background



This preview shows how black text looks on a background with the XYZ color 40.0596, 36.3230, 17.7316.



This preview shows how white text looks on a background with the XYZ color 40.0596, 36.3230,

17.7316.

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

40.0596, 36.3230, 17.7316

Protanopia

33.9354, 36.6242, 19.4679

Deuteranopia

37.1456, 36.2723, 17.6138



Tritanopia

43.5966, 36.3919, 34.8635

Trichromacy



Original Color

40.0596, 36.3230, 17.7316

Protanomaly

35.8146, 36.3131, 18.7572

Deuteranomaly

38.1466, 36.2983, 17.5661

Tritanomaly

42.2301, 36.2962, 27.7018

Monochromacy



Original Color

40.0596, 36.3230, 17.7316

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.6871, 35.7403, 30.2170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0596, 36.3230, 17.7316 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(211, 149, 103)` looks like.

```
.text, #text, p{  
    color:rgb(211, 149, 103)  
}
```

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(211, 149, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 149, 103) }
```

Border

The CSS property to change the border of an element to XYZ 40.0596, 36.3230, 17.7316 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(211, 149, 103) }
```


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

```
.border{ border-color:rgb(211, 149, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 149, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 149, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 149, 103);  
box-shadow:4px 4px 4px 4px rgb(211, 149,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0596, 36.3230, 17.7316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 149, 103) }
```

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

```
.background{ background-color: rgb(211,  
149, 103) }
```

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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