

Converting Colors

XYZ(36.7595, 33.5061, 15.8391)

Have a look what the booklet for
XYZ(36.7595, 33.5061, 15.8391)
contains.

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Color

**XYZ(36.7595, 33.5061,
15.8391)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9061
RGB	203, 144, 97
RGB Percent	80%, 56%, 38%
CMY	0.2039, 0.4353, 0.6196
CMYK	0.00, 0.29, 0.52, 0.20
HSL	27°, 50%, 59%
HSV	27°, 52%, 80%
XYZ	36.7595, 33.5061, 15.8391
YIQ	156.2830, 50.2510, -2.1090

Conversions

Conversions Part 2

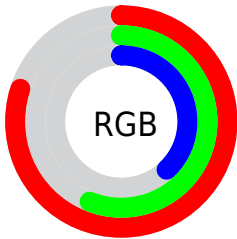
Format	Color
R _Y B	203, 181, 97
Decimal	13340769
CIE Lab	64.57, 17.01, 33.73
CIE LCh	65, 37.774, 63.234
Yxy	33.5061, 0.4269, 0.3891
Android (android.graphics.Color)	4291530849 (0xFFCB9061)
YUV	156.2830, -29.2265, 40.9708
Hunter-Lab	57.8845, 12.0586, 24.2954

Details

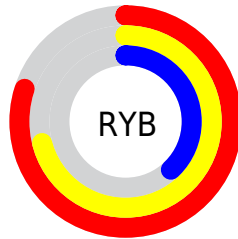
The XYZ color **36.7595, 33.5061, 15.8391** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.5970, 30.6286, 60.9570**, and the grayscale version is **31.8379, 33.4960, 36.4771**.

A 20% lighter version of the original color is **66.7794, 63.7863, 36.8093**, and **16.3228, 14.1614, 4.7789** is the 20% darker color. If you saturate the color by 10%, you get **34.3050, 29.9231, 10.9337**, and if you desaturate by 10%, it is **39.6291, 37.5318, 22.0783**.

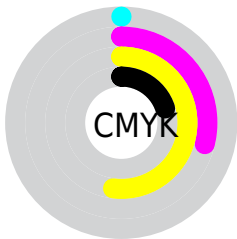
Distribution



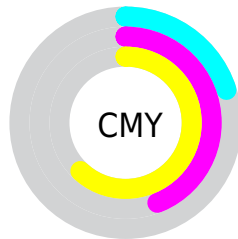
- Red (80%)
- Green (56%)
- Blue (38%)



- Red (80%)
- Yellow (71%)
- Blue (38%)



- Cyan (0%)
- Magenta (29%)
- Yellow (52%)
- Black (20%)





- Cyan (20%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7595, 33.5061, 15.8391 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 36.7595, 33.5061, 15.8391 by changing the saturation by 10% instead.


 36.7595, 33.5061,
15.8391


 36.7595, 33.5061,
15.8391


323.6418,
317.9241, 240.2036


 25.1942, 22.5144,
9.2572


 69.5190, 65.1649,
37.0815


 16.3513, 14.2354,
4.8103


 91.4438, 86.6008,
52.5792

 9.8655, 8.2846,
2.0796


 117.5525,
112.2869, 71.8859

 5.3714, 4.2776,
0.6036

 148.2105,
142.6076, 95.4202

 2.5038, 1.8300,
0.0000

183.7830,
177.9472, 123.6005

 0.8972, 0.5058,
0.0000

224.6355,

 0.0000, 0.0000,

218.6903, 156.8455

0.0000

271.1333,
265.2211, 195.5737

■ 36.7595, 33.5061,
15.8391

■ 36.7595, 33.5061,
15.8391

■ 34.3050, 29.9231,
10.9337

■ 39.6291, 37.5318,
22.0783

■ 32.2394, 26.7604,
7.2591

■ 42.9330, 42.0116,
29.7399

■ 30.5364, 24.0004,
4.7003

■ 46.6920, 46.9626,
38.9069

■ 29.1647, 21.6216,
3.1187

■ 50.9248, 52.3993,
49.6555

■ 28.2862, 20.0120,
2.3718

■ 55.6488, 58.3355,
62.0565

■ 60.8805, 64.7845,
76.1765

■ 66.6357, 71.7590,
92.0784

■ 72.2125, 78.9845,
106.0473

■ 75.5395, 85.6385,
107.1563

Harmonies

Analogous

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



41.3536, 33.5061, 22.4813



36.7595, 33.5061, 15.8391



31.2639, 33.5061, 14.1053

Triad

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



36.7595, 33.5061, 15.8391



22.5571, 33.5061, 38.1874



37.8882, 33.5061, 67.4677

Complementary

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



36.7595, 33.5061, 15.8391



27.5970, 30.6286, 60.9570

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.



32.4364, 33.5061, 74.9941



36.7595, 33.5061, 15.8391



23.9212, 33.5061, 55.3454

Square

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



36.7595, 33.5061, 15.8391



23.4400, 33.5061, 24.6537



27.3921, 33.5061, 70.0291



42.0553, 33.5061, 51.5939

Rectangle

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



36.7595, 33.5061, 15.8391



27.9204, 33.5061, 15.3988



27.3921, 33.5061, 70.0291



36.1245, 33.5061, 71.2333

Sweetspot

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



36.7603, 33.5077, 15.8398



82.3422, 84.0033, 75.6267



34.9948, 23.6827, 34.6551



17.3083, 17.5739, 15.3843



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.



36.7603, 33.5077, 15.8398



56.8378, 49.1978, 17.1726



46.5110, 53.0092, 19.0900



11.6149, 12.0188, 11.7871



18.0891, 12.9112, 1.5387



1.0084, 0.8165, 0.1045

Inverse Universe

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



27.5970, 30.6286, 60.9570



39.7929, 43.7999, 100.9647



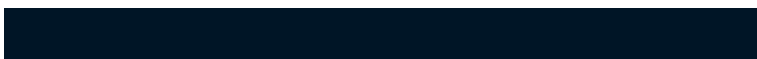
20.6665, 16.7675, 58.6468



11.1108, 11.8621, 14.2744



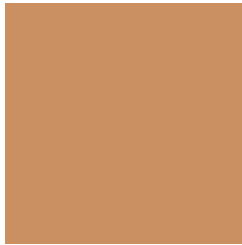
10.7088, 10.4416, 37.4073



0.6274, 0.6885, 1.9548

Previews

White Background



This preview shows how the XYZ color 36.7595, 33.5061, 15.8391 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 36.7595, 33.5061, 15.8391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

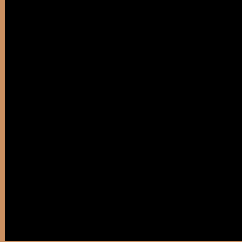
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.7595, 33.5061, 15.8391

Background



This preview shows how black text looks on a background with the XYZ color 36.7595, 33.5061, 15.8391.



This preview shows how white text looks on a background with the XYZ color 36.7595, 33.5061,

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

36.7595, 33.5061, 15.8391

Protanopia

31.2498, 33.7312, 17.4341

Deuteranopia

34.2529, 33.6044, 15.7473



Tritanopia

40.1659, 33.5805, 32.3817

Trichromacy



Original Color

36.7595, 33.5061, 15.8391

Protanomaly

33.0569, 33.4439, 16.7696

Deuteranomaly

35.2069, 33.6264, 15.7013

Tritanomaly

38.7941, 33.4630, 25.1832

Monochromacy



Original Color

36.7595, 33.5061, 15.8391

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.8350, 33.0900, 27.5781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7595, 33.5061, 15.8391 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(203, 144, 97)` looks like.

```
.text, #text, p{  
    color:rgb(203, 144, 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(203, 144, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 144, 97) }
```

Border

The CSS property to change the border of an element to XYZ 36.7595, 33.5061, 15.8391 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(203, 144, 97) }
```


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

```
.border{ border-color:rgb(203, 144, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 144, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 144, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 144, 97);  
box-shadow:4px 4px 4px 4px rgb(203, 144,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7595, 33.5061, 15.8391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 144, 97) }
```

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

```
.background{ background-color: rgb(203,  
144, 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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