

Converting Colors

XYZ(35.0670, 32.4307, 16.3210)

Have a look what the booklet for
XYZ(35.0670, 32.4307, 16.3210)
contains.

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Color

**XYZ(35.1005, 32.4161,
16.2113)**

Conversions

Conversions Part 1

Format	Color
Hex	C58F63
RGB	197, 143, 99
RGB Percent	77%, 56%, 39%
CMY	0.2275, 0.4392, 0.6118
CMYK	0.00, 0.27, 0.50, 0.23
HSL	27°, 46%, 58%
HSV	27°, 50%, 77%
XYZ	35.1005, 32.4161, 16.2113
YIQ	154.1300, 46.3080, -2.2360

Conversions

Conversions Part 2

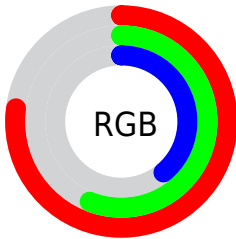
Format	Color
RYB	197, 179, 99
Decimal	12947299
CIELab	63.69, 15.25, 31.39
CIELCh	64, 34.896, 64.080
Yxy	32.4161, 0.4192, 0.3872
Android (android.graphics.Color)	4291137379 (0xFFC58F63)
YUV	154.1300, -27.1791, 37.5970
Hunter-Lab	56.9351, 10.4087, 22.9728

Details

The XYZ color **35.1005, 32.4161, 16.2113** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **26.6142, 29.4649, 57.1076**, and the grayscale version is **30.8743, 32.4822, 35.3731**.

A 20% lighter version of the original color is **66.7113, 63.3945, 37.5745**, and **15.4964, 13.7304, 4.9655** is the 20% darker color. If you saturate the color by 10%, you get **32.7199, 28.9828, 11.3245**, and if you desaturate by 10%, it is **37.8701, 36.2598, 22.3618**.

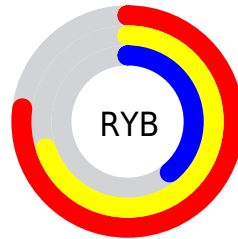
Distribution



Red (77%)

Green (56%)

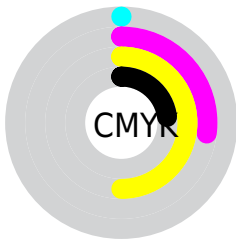
Blue (39%)



Red (77%)

Yellow (70%)

Blue (39%)

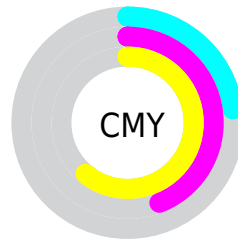


Cyan (0%)

Magenta (27%)

Yellow (50%)

Black (23%)



Cyan (23%)


Magenta (44%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1005, 32.4161, 16.2113 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 35.1005, 32.4161, 16.2113 by changing the saturation by 10% instead.


 35.1005, 32.4161,
16.2113


 35.1005, 32.4161,
16.2113


316.5120,
313.0104, 242.4735


 23.9072, 21.6795,
9.5178


 66.9744, 63.4628,
37.7365

 15.3891, 13.6216,
4.9791


 88.3857, 84.5418,
53.4054

 9.1810, 7.8580,
2.1765


 113.9338,
109.8370, 72.9031

 4.9175, 4.0042,
0.6607

 143.9839,
139.7328, 96.6482

 2.2332, 1.6759,
0.0000

178.9014,
174.6137, 125.0592

 0.7602, 0.4080,
0.0000

219.0516,

 0.0000, 0.0000,

214.8639, 158.5548

0.0000

264.8001,
260.8681, 197.5533

■ 35.1005, 32.4161,
16.2113

■ 35.1005, 32.4161,
16.2113

■ 32.7199, 28.9828,
11.3245

■ 37.8701, 36.2598,
22.3618

■ 30.7045, 25.9394,
7.6084

■ 41.0459, 40.5239,
29.8559

■ 29.0310, 23.2705,
4.9603


■ 44.6468, 45.2238,
38.7694


■ 27.6717, 20.9572,
3.2580


■ 48.6896, 50.3724,
49.1715


■ 26.5789, 18.9721,
2.2755

■ 53.1904, 55.9824,
61.1271

 26.5533, 18.9252,
2.2534

 58.1640, 62.0656,
74.6972

 63.6248, 68.6336,
89.9392

 69.3276, 75.5938,
105.5449

 72.4401, 81.8188,
106.5823

Harmonies

Analogous

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



39.2616, 32.4161, 22.2682



35.1005, 32.4161, 16.2113



30.1472, 32.4161, 14.6914

Triad

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



35.1005, 32.4161, 16.2113



22.3606, 32.4161, 37.2439



36.3780, 32.4161, 62.5866

Complementary

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



35.1005, 32.4161, 16.2113



26.6142, 29.4649, 57.1076

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.



31.4835, 32.4161, 69.4933



35.1005, 32.4161, 16.2113



23.6686, 32.4161, 52.6130

Square

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



35.1005, 32.4161, 16.2113



23.1125, 32.4161, 24.7963



26.8852, 32.4161, 65.4320



40.0521, 32.4161, 48.4055

Rectangle

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



35.1005, 32.4161, 16.2113



27.1356, 32.4161, 15.9950



26.8852, 32.4161, 65.4320



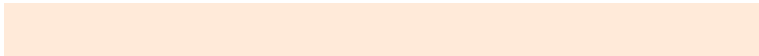
34.8032, 32.4161, 65.9845

Sweetspot

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



35.1013, 32.4177, 16.2119



83.1335, 85.0599, 77.5119



33.3651, 23.1451, 33.5143



17.4680, 17.7897, 15.7567



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.



35.1013, 32.4177, 16.2119



58.1449, 51.2325, 19.3947



43.7926, 49.8003, 19.1090



11.0194, 11.4080, 11.1839



17.5463, 12.6098, 1.5091



0.9029, 0.7412, 0.0955

Inverse Universe

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



26.6142, 29.4649, 57.1076



41.1513, 45.2885, 101.1804



20.3299, 16.8963, 55.0128



10.5330, 11.2400, 13.5319



10.2781, 9.9501, 36.1232



0.5582, 0.6143, 1.7343

Previews

White Background



This preview shows how the XYZ color 35.1005, 32.4161, 16.2113 looks on a white background.

Color Contrast Check

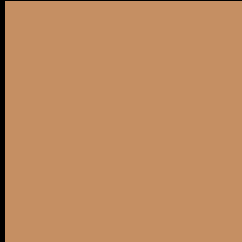
Large Text (above 18pt) WCAG AA × Fail

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 35.1005, 32.4161, 16.2113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

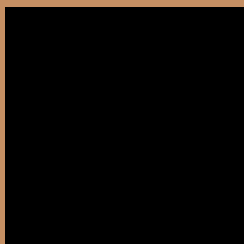
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1005, 32.4161, 16.2113

Background



This preview shows how black text looks on a background with the XYZ color 35.1005, 32.4161, 16.2113.



This preview shows how white text looks on a background with the XYZ color 35.1005, 32.4161,

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

35.1005, 32.4161, 16.2113

Protanopia

30.3685, 32.7670, 17.8208

Deuteranopia

33.0442, 32.5008, 16.0869



Tritanopia

38.2995, 32.4154, 31.8420

Trichromacy



Original Color

35.1005, 32.4161, 16.2113

Protanomaly

32.0553, 32.6762, 17.1880

Deuteranomaly

33.7187, 32.3868, 16.0294

Tritanomaly

37.0813, 32.3563, 25.4101

Monochromacy



Original Color

35.1005, 32.4161, 16.2113

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.7870, 32.0800, 27.0710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1005, 32.4161, 16.2113 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(197, 143, 99)` looks like.

```
.text, #text, p{  
    color:rgb(197, 143, 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(197, 143, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 143, 99) }
```

Border

The CSS property to change the border of an element to XYZ 35.1005, 32.4161, 16.2113 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(197, 143, 99) }
```


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

```
.border{ border-color:rgb(197, 143, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 143, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 143, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 143, 99);  
box-shadow:4px 4px 4px 4px rgb(197, 143,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1005, 32.4161, 16.2113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 143, 99) }
```

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

```
.background{ background-color: rgb(197,  
143, 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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