

Converting Colors

XYZ(35.5062, 32.9985, 19.5507)

Have a look what the booklet for
XYZ(35.5062, 32.9985, 19.5507)
contains.

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Color

**XYZ(35.5003, 33.0006,
19.5376)**

Conversions

Conversions Part 1

Format	Color
Hex	C3916F
RGB	195, 145, 111
RGB Percent	76%, 57%, 44%
CMY	0.2353, 0.4314, 0.5647
CMYK	0.00, 0.26, 0.43, 0.24
HSL	24°, 41%, 60%
HSV	24°, 43%, 76%
XYZ	35.5003, 33.0006, 19.5376
YIQ	156.0740, 40.7140, 0.0260

Conversions

Conversions Part 2

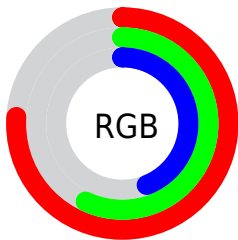
Format	Color
RYB	195, 168, 111
Decimal	12816751
CIELab	64.16, 14.56, 25.40
CIELCh	64, 29.279, 60.183
Yxy	33.0006, 0.4032, 0.3748
Android (android.graphics.Color)	4291006831 (0xFFC3916F)
YUV	156.0740, -22.2215, 34.1381
Hunter-Lab	57.4461, 9.7778, 20.0476

Details

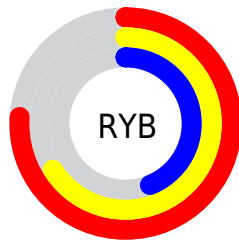
The XYZ color **35.5003, 33.0006, 19.5376** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.1502, 32.8080, 56.4258**, and the grayscale version is **31.7170, 33.3688, 36.3386**.

A 20% lighter version of the original color is **67.5423, 64.3738, 43.5159**, and **15.5474, 13.8533, 6.5571** is the 20% darker color. If you saturate the color by 10%, you get **32.8579, 29.2506, 13.9254**, and if you desaturate by 10%, it is **38.5599, 37.2099, 26.4458**.

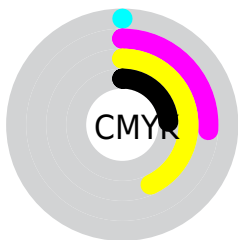
Distribution



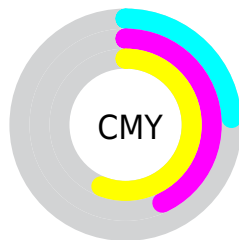
- Red (76%)
- Green (57%)
- Blue (44%)



- Red (76%)
- Yellow (66%)
- Blue (44%)



- Cyan (0%)
- Magenta (26%)
- Yellow (43%)
- Black (24%)




- Cyan (24%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5003, 33.0006, 19.5376 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 35.5003, 33.0006, 19.5376 by changing the saturation by 10% instead.


 35.5003, 33.0006,
19.5376


 35.5003, 33.0006,
19.5376


318.2406,
315.6524, 261.9217


 24.2168, 22.1269,
11.8786


 67.5890, 64.3765,
43.4893

 15.6202, 13.9502,
6.5396


 89.1250, 85.6474,
60.6191

 9.3449, 8.0860,
3.1018


 114.8092,
111.1529, 81.7430

 5.0257, 4.1500,
1.1469

 145.0069,
141.2774, 107.2794

 2.2973, 1.7578,
0.0000

180.0836,
176.4052, 137.6469

 0.7933, 0.4607,
0.0000

220.4045,

 0.0000, 0.0000,

216.9207, 173.2641

0.0000

266.3351,
263.2083, 214.5495

■ 35.5003, 33.0006,
19.5376

■ 35.5003, 33.0006,
19.5376

■ 32.8579, 29.2506,
13.9254

■ 38.5599, 37.2099,
26.4458

■ 30.6095, 25.9383,
9.5244

■ 42.0535, 41.8897,
34.7238

■ 28.7329, 23.0468,
6.2424


■ 45.9998, 47.0568,
44.4417


■ 27.2024, 20.5563,
3.9730


■ 50.4157, 52.7255,
55.6647


■ 25.9877, 18.4447,
2.5884


■ 55.3169, 58.9095,
68.4535

 25.2972, 17.1852,
1.9838

 60.7187, 65.6222,
82.8658

 66.6354, 72.8760,
98.9561

 71.0876, 79.8861,
106.2806

 74.5736, 86.8581,
107.4426

Harmonies

Analogous

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



38.7760, 33.0006, 25.6304



35.5003, 33.0006, 19.5376



31.3407, 33.0006, 17.5921

Triad

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



35.5003, 33.0006, 19.5376



24.0490, 33.0006, 36.0049



35.5481, 33.0006, 59.5078

Complementary

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



35.5003, 33.0006, 19.5376



29.1502, 32.8080, 56.4258

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.



31.3915, 33.0006, 63.9473



35.5003, 33.0006, 19.5376



24.9660, 33.0006, 48.6793

Square

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



35.5003, 33.0006, 19.5376



24.9441, 33.0006, 25.7312



27.5660, 33.0006, 59.6097



38.8053, 33.0006, 48.5251

Rectangle

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



35.5003, 33.0006, 19.5376



28.6947, 33.0006, 18.4775



27.5660, 33.0006, 59.6097



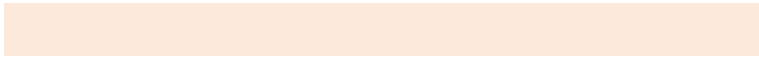
34.1983, 33.0006, 61.9103

Sweetspot

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



35.5011, 33.0022, 19.5383



82.2930, 84.1582, 79.3614



34.6586, 25.5586, 37.0102



17.6578, 17.9575, 16.4730



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.



35.5011, 33.0022, 19.5383



58.9676, 52.5594, 25.1828



43.0605, 48.1209, 22.0580



10.4004, 10.7323, 10.5853



16.5197, 11.3252, 1.3153



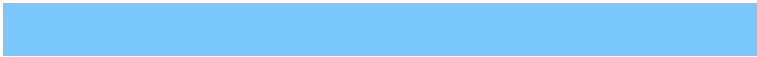
0.7814, 0.6245, 0.0794

Inverse Universe

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



29.1502, 32.8080, 56.4258



46.0464, 52.1234, 100.1037



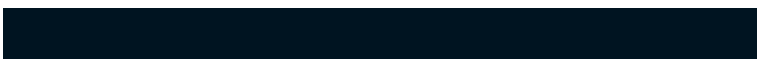
23.0507, 20.6091, 54.3927



10.0155, 10.7223, 12.8266



10.5501, 10.8568, 35.0961



0.5220, 0.6015, 1.5385

Previews

White Background



This preview shows how the XYZ color 35.5003, 33.0006, 19.5376 looks on a white background.

Color Contrast Check

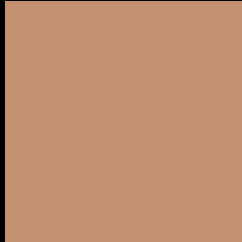
Large Text (above 18pt) WCAG AA × Fail

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 35.5003, 33.0006, 19.5376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

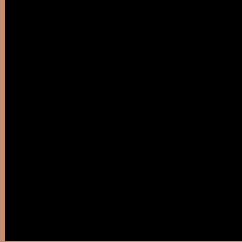
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5003, 33.0006, 19.5376

Background



This preview shows how black text looks on a background with the XYZ color 35.5003, 33.0006, 19.5376.



This preview shows how white text looks on a background with the XYZ color 35.5003, 33.0006,

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

35.5003, 33.0006, 19.5376

Protanopia

30.9772, 33.2534, 21.3089

Deuteranopia

33.5695, 32.9350, 19.3396



Tritanopia

38.4363, 33.1003, 33.2173

Trichromacy



Original Color

35.5003, 33.0006, 19.5376

Protanomaly

32.3970, 33.0185, 20.5853

Deuteranomaly

34.3906, 33.1244, 19.3329

Tritanomaly

37.4056, 33.1293, 27.7157

Monochromacy



Original Color

35.5003, 33.0006, 19.5376

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.5394, 32.8960, 29.4455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5003, 33.0006, 19.5376 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(195, 145, 111)` looks like.

```
.text, #text, p{  
    color:rgb(195, 145, 111)  
}
```

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(195, 145, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 145, 111) }
```

Border

The CSS property to change the border of an element to XYZ 35.5003, 33.0006, 19.5376 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(195, 145, 111) }
```


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

```
.border{ border-color:rgb(195, 145, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 145, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 145, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 145, 111);  
box-shadow:4px 4px 4px 4px rgb(195, 145,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5003, 33.0006, 19.5376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 145, 111) }
```

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

```
.background{ background-color: rgb(195,  
145, 111) }
```

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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