

Converting Colors

XYZ(35.5614, 33.5138, 19.4856)

Have a look what the booklet for
XYZ(35.5614, 33.5138, 19.4856)
contains.

XYZ(35.4963, 33.4626, 19.3399)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.4963, 33.4626,
19.3399)**

Conversions

Conversions Part 1

Format	Color
Hex	C2936E
RGB	194, 147, 110
RGB Percent	76%, 58%, 43%
CMY	0.2392, 0.4235, 0.5686
CMYK	0.00, 0.24, 0.43, 0.24
HSL	26°, 41%, 60%
HSV	26°, 43%, 76%
XYZ	35.4963, 33.4626, 19.3399
YIQ	156.8350, 39.8890, -1.5430

Conversions

Conversions Part 2

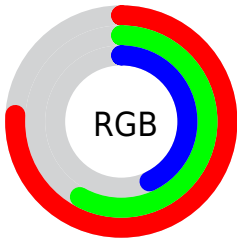
Format	Color
RYB	194, 176, 110
Decimal	12751726
CIELab	64.53, 12.94, 26.43
CIElCh	65, 29.425, 63.911
Yxy	33.4626, 0.4020, 0.3790
Android (android.graphics.Color)	4290941806 (0xFFC2936E)
YUV	156.8350, -23.0897, 32.5937
Hunter-Lab	57.8469, 8.3001, 20.6704

Details

The XYZ color **35.4963, 33.4626, 19.3399** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.2244, 31.3226, 55.5970**, and the grayscale version is **32.0623, 33.7321, 36.7342**.

A 20% lighter version of the original color is **67.5531, 65.0774, 43.1832**, and **15.5336, 14.1168, 6.4635** is the 20% darker color. If you saturate the color by 10%, you get **32.9448, 29.8688, 13.8365**, and if you desaturate by 10%, it is **38.4400, 37.4706, 26.1155**.

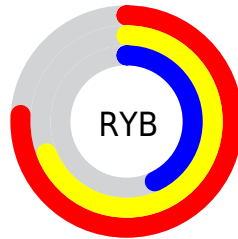
Distribution



Red (76%)

Green (58%)

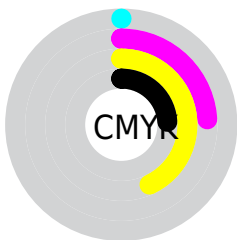
Blue (43%)



Red (76%)

Yellow (69%)

Blue (43%)

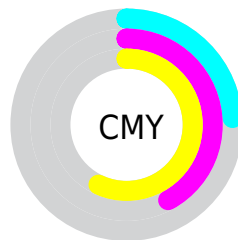


Cyan (0%)

Magenta (24%)

Yellow (43%)

Black (24%)



Cyan (24%)


Magenta (42%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4963, 33.4626, 19.3399 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 35.4963, 33.4626, 19.3399 by changing the saturation by 10% instead.


 35.4963, 33.4626,
19.3399


 35.4963, 33.4626,
19.3399


318.2234,
317.7291, 260.8038


 24.2137, 22.4811,
11.7368


 67.5829, 65.0971,
43.1520


 15.6178, 14.2108,
6.4444


 89.1176, 86.5188,
60.1981

 9.3433, 8.2674,
3.0440


 114.8004,
112.1894, 81.2290

 5.0246, 4.2665,
1.1172

 144.9967,
142.4933, 106.6632

 2.2966, 1.8238,
0.0000

180.0717,
177.8148, 136.9192

 0.7929, 0.5019,
0.0000

220.3910,

 0.0000, 0.0000,

218.5383, 172.4156

0.0000

266.3197,
265.0483, 213.5710

■ 35.4963, 33.4626,
19.3399

■ 35.4963, 33.4626,
19.3399

■ 32.9448, 29.8688,
13.8365

■ 38.4400, 37.4706,
26.1155

■ 30.7633, 26.6696,
9.5215

■ 41.7916, 41.9020,
34.2359

■ 28.9310, 23.8506,
6.3042


■ 45.5685, 46.7716,
43.7703


■ 27.4235, 21.3942,
4.0794


■ 49.7867, 52.0920,
54.7826


■ 26.2120, 19.2810,
2.7209


■ 54.4611, 57.8753,
67.3329

 25.5331, 18.0395,
2.1362

 59.6059, 64.1329,
81.4777

 65.2346, 70.8760,
97.2710

 69.6738, 77.4407,
105.8831

 72.8562, 83.8056,
106.9439

Harmonies

Analogous

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



39.0008, 33.4626, 24.9798



35.4963, 33.4626, 19.3399



31.2567, 33.4626, 17.8671

Triad

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



35.4963, 33.4626, 19.3399



24.3992, 33.4626, 38.0379



36.5343, 33.4626, 59.2377

Complementary

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



35.4963, 33.4626, 19.3399



28.2244, 31.3226, 55.5970

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.



32.3600, 33.4626, 64.7748



35.4963, 33.4626, 19.3399



25.5540, 33.4626, 50.9461

Square

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



35.4963, 33.4626, 19.3399



25.0802, 33.4626, 27.1683



28.3793, 33.4626, 61.4490



39.6362, 33.4626, 47.6005

Rectangle

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



35.4963, 33.4626, 19.3399



28.6383, 33.4626, 19.0969



28.3793, 33.4626, 61.4490



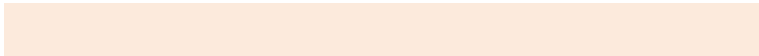
35.1973, 33.4626, 61.9778

Sweetspot

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



35.4971, 33.4642, 19.3406



82.6258, 84.8238, 79.4723



33.9613, 25.0763, 35.2179



17.7416, 18.1250, 16.5009



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.



35.4971, 33.4642, 19.3406



59.8915, 54.4072, 25.4908



43.1313, 48.7326, 21.8853



10.4302, 10.7917, 10.5952



16.8662, 12.0182, 1.4308



0.7973, 0.6564, 0.0847

Inverse Universe

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



28.2244, 31.3226, 55.5970



44.9819, 49.9944, 99.7489



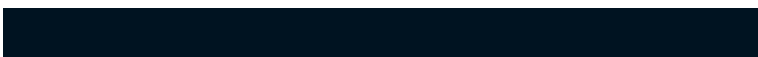
22.3677, 19.6091, 53.6448



9.9852, 10.6617, 12.8165



10.0481, 9.8527, 34.9288



0.5019, 0.5612, 1.5318

Previews

White Background



This preview shows how the XYZ color 35.4963, 33.4626, 19.3399 looks on a white background.

Color Contrast Check

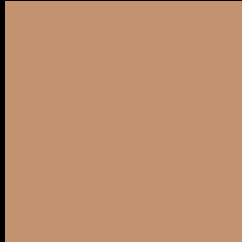
Large Text (above 18pt) WCAG AA × Fail

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 35.4963, 33.4626, 19.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

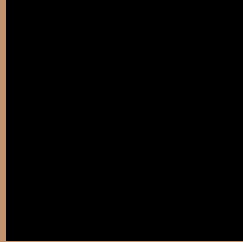
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4963, 33.4626, 19.3399

Background



This preview shows how black text looks on a background with the XYZ color 35.4963, 33.4626, 19.3399.



This preview shows how white text looks on a background with the XYZ color 35.4963, 33.4626,

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

35.4963, 33.4626, 19.3399

Protanopia

31.4564, 33.7639, 20.7787

Deuteranopia

34.1602, 33.4816, 19.1302



Tritanopia

38.4811, 33.3225, 34.1095

Trichromacy



Original Color

35.4963, 33.4626, 19.3399

Protanomaly

32.7320, 33.4397, 20.3521

Deuteranomaly

34.7430, 33.5462, 19.1119

Tritanomaly

37.3638, 33.3214, 28.1293

Monochromacy



Original Color

35.4963, 33.4626, 19.3399

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.7024, 33.2220, 29.4998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4963, 33.4626, 19.3399 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(194, 147, 110)` looks like.

```
.text, #text, p{  
    color:rgb(194, 147, 110)  
}
```

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(194, 147, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 147, 110) }
```

Border

The CSS property to change the border of an element to XYZ 35.4963, 33.4626, 19.3399 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(194, 147, 110) }
```


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

```
.border{ border-color:rgb(194, 147, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 147, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 147, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 147, 110);  
box-shadow:4px 4px 4px 4px rgb(194, 147,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4963, 33.4626, 19.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 147, 110) }
```

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

```
.background{ background-color: rgb(194,  
147, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor