

Converting Colors

XYZ(37.3179, 34.0284, 19.6029)

Have a look what the booklet for
XYZ(37.3179, 34.0284, 19.6029)
contains.

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Color

**XYZ(37.3518, 33.9551,
19.6243)**

Conversions

Conversions Part 1

Format	Color
Hex	CA916F
RGB	202, 145, 111
RGB Percent	79%, 57%, 44%
CMY	0.2078, 0.4314, 0.5647
CMYK	0.00, 0.28, 0.45, 0.21
HSL	22°, 46%, 61%
HSV	22°, 45%, 79%
XYZ	37.3518, 33.9551, 19.6243
YIQ	158.1670, 44.8860, 1.5100

Conversions

Conversions Part 2

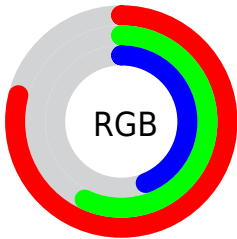
Format	Color
R_{YB}	202, 165, 111
Decimal	13275503
CIE _{Lab}	64.93, 17.41, 26.56
CIE _{LCh}	65, 31.756, 56.747
Yxy	33.9551, 0.4108, 0.3734
Android (android.graphics.Color)	4291465583 (0xFFCA916F)
YUV	158.1670, -23.2533, 38.4415
Hunter-Lab	58.2710, 12.4445, 20.8222

Details

The XYZ color **37.3518, 33.9551, 19.6243** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.2183, 35.6476, 61.1123**, and the grayscale version is **32.6640, 34.3650, 37.4235**.

A 20% lighter version of the original color is **68.2743, 64.7512, 43.5501**, and **16.7540, 14.4753, 6.6136** is the 20% darker color. If you saturate the color by 10%, you get **34.5362, 29.9071, 13.8051**, and if you desaturate by 10%, it is **40.6360, 38.5376, 26.8412**.

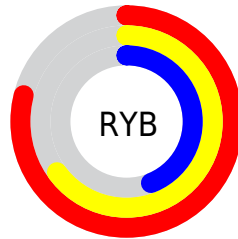
Distribution



Red (79%)

Green (57%)

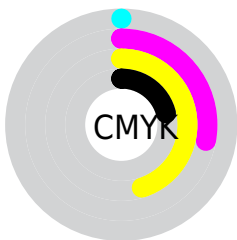
Blue (44%)



Red (79%)

Yellow (65%)

Blue (44%)

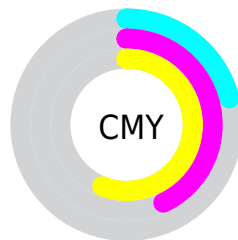


Cyan (0%)

Magenta (28%)

Yellow (45%)

Black (21%)



Cyan (21%)


Magenta (43%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3518, 33.9551, 19.6243 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 37.3518, 33.9551, 19.6243 by changing the saturation by 10% instead.


 37.3518, 33.9551,
19.6243


 37.3518, 33.9551,
19.6243


326.1603,
319.9318, 262.4105


 25.6549, 22.8591,
11.9409


 70.4238, 65.8638,
43.6370

 16.6970, 14.4895,
6.5814


 92.5297, 87.4454,
60.8035

 10.1126, 8.4619,
3.1273


 118.8360,
113.2909, 81.9680

 5.5365, 4.3919,
1.1600

 149.7079,
143.7848, 107.5491

 2.6033, 1.8951,
0.0000

185.5110,
179.3114, 137.9653

 0.9477, 0.5454,
0.0000

226.6105,

 0.0000, 0.0000,

220.2552, 173.6353

0.0000

273.3718,
267.0005, 214.9775

■ 37.3518, 33.9551,
19.6243

■ 37.3518, 33.9551,
19.6243

■ 34.5362, 29.9071,
13.8051

■ 40.6360, 38.5376,
26.8412

■ 32.1624, 26.3678,
9.2887

■ 44.4084, 43.6694,
35.5379

■ 30.2045, 23.3162,
5.9718


■ 48.6906, 49.3705,
45.7925


■ 28.6323, 20.7278,
3.7336


■ 53.5021, 55.6587,
57.6772


■ 27.4101, 18.5749,
2.4279


■ 58.8612, 62.5507,
71.2595

 26.9060, 17.6544,
1.9895

 64.7854, 70.0626,
86.6029

 71.2913, 78.2099,
103.7679

 75.4296, 85.8215,
107.1974

 78.1671, 91.2965,
108.1099

Harmonies

Analogous

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



40.8017, 33.9551, 26.7345



37.3518, 33.9551, 19.6243



32.7761, 33.9551, 17.0616

Triad

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



37.3518, 33.9551, 19.6243



24.2489, 33.9551, 35.5572



36.4049, 33.9551, 64.4057

Complementary

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



37.3518, 33.9551, 19.6243



31.2183, 35.6476, 61.1123

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.



31.7757, 33.9551, 68.3345



37.3518, 33.9551, 19.6243



25.0247, 33.9551, 49.5355

Square

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



37.3518, 33.9551, 19.6243



25.4492, 33.9551, 24.7850



27.6774, 33.9551, 62.3539



40.2197, 33.9551, 52.6126

Rectangle

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



37.3518, 33.9551, 19.6243



29.7996, 33.9551, 17.6841



27.6774, 33.9551, 62.3539



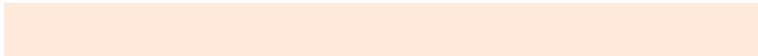
34.8803, 33.9551, 66.7950

Sweetspot

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



37.3526, 33.9567, 19.6250



83.1029, 84.4646, 79.1484



37.1688, 26.7766, 40.5655



17.4283, 17.6051, 16.0676



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.



37.3526, 33.9567, 19.6250



58.6111, 50.8364, 23.6455



45.6110, 50.4735, 22.3778



11.5500, 11.8890, 11.7655



17.3927, 11.5184, 1.3066



0.9696, 0.7389, 0.0915

Inverse Universe

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



31.2183, 35.6476, 61.1123



46.9113, 53.9923, 102.5568



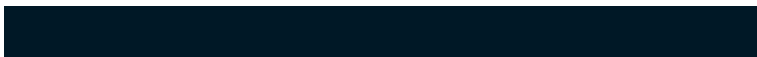
24.3161, 21.8432, 58.8116



11.1773, 11.9950, 14.2965



11.7915, 12.6070, 37.7682



0.6796, 0.7931, 1.9722

Previews

White Background



This preview shows how the XYZ color 37.3518, 33.9551, 19.6243 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 37.3518, 33.9551, 19.6243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

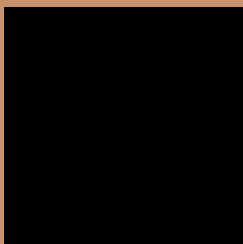
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3518, 33.9551, 19.6243

Background



This preview shows how black text looks on a background with the XYZ color 37.3518, 33.9551, 19.6243.



This preview shows how white text looks on a background with the XYZ color 37.3518, 33.9551,

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

37.3518, 33.9551, 19.6243

Protanopia

31.7414, 34.1497, 21.4416

Deuteranopia

34.6201, 33.9504, 19.4803



Tritanopia

40.3367, 34.0800, 33.3063

Trichromacy



Original Color

37.3518, 33.9551, 19.6243

Protanomaly

33.4846, 33.8211, 20.6829

Deuteranomaly

35.5542, 33.9581, 19.4325

Tritanomaly

39.2938, 34.1027, 27.8040

Monochromacy



Original Color

37.3518, 33.9551, 19.6243

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.6545, 33.7042, 29.9311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3518, 33.9551, 19.6243 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(202, 145, 111)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 145, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 145, 111) }
```

Border

The CSS property to change the border of an element to XYZ 37.3518, 33.9551, 19.6243 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(202, 145, 111) }
```


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

```
.border{ border-color:rgb(202, 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(202, 145, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 145, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 145, 111);  
box-shadow:4px 4px 4px 4px rgb(202, 145,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3518, 33.9551, 19.6243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 145, 111) }
```

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

```
.background{ background-color: rgb(202,  
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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