

Converting Colors

XYZ(38.2960, 38.0946, 19.5172)

Have a look what the booklet for
XYZ(38.2960, 38.0946, 19.5172)
contains.

XYZ(38.3035, 38.0946, 19.5215)	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(38.3035, 38.0946,
19.5215)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A06C
RGB	197, 160, 108
RGB Percent	77%, 63%, 42%
CMY	0.2275, 0.3725, 0.5765
CMYK	0.00, 0.19, 0.45, 0.23
HSL	35°, 43%, 60%
HSV	35°, 45%, 77%
XYZ	38.3035, 38.0946, 19.5215
YIQ	165.1350, 38.7440, -8.3280

Conversions

Conversions Part 2

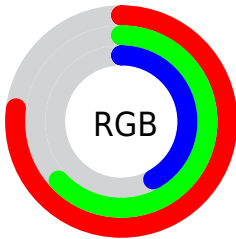
Format	Color
RYB	171, 197, 108
Decimal	12951660
CIELab	68.09, 6.86, 32.21
CIELCh	68, 32.931, 77.972
Yxy	38.0946, 0.3993, 0.3972
Android (android.graphics.Color)	4291141740 (0xFFC5A06C)
YUV	165.1350, -28.1676, 27.9456
Hunter-Lab	61.7208, 2.7644, 24.4519

Details

The XYZ color **38.3035, 38.0946, 19.5215** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.3874, 27.4691, 56.7345**, and the grayscale version is **35.9477, 37.8197, 41.1857**.

A 20% lighter version of the original color is **71.8856, 72.3989, 43.4433**, and **17.2426, 16.9158, 6.4940** is the 20% darker color. If you saturate the color by 10%, you get **35.9983, 34.9767, 14.1520**, and if you desaturate by 10%, it is **40.9410, 41.4979, 26.1713**.

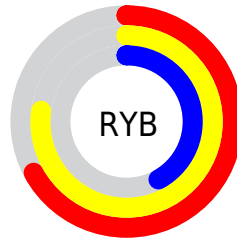
Distribution



Red (77%)

Green (63%)

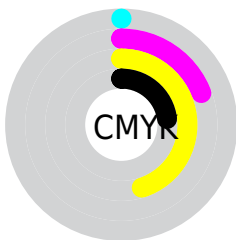
Blue (42%)



Red (67%)

Yellow (77%)

Blue (42%)

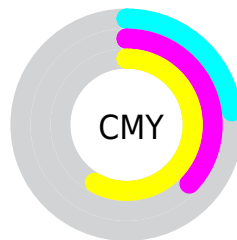


Cyan (0%)

Magenta (19%)

Yellow (45%)

Black (23%)



Cyan (23%)


Magenta (37%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3035, 38.0946, 19.5215 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 38.3035, 38.0946, 19.5215 by changing the saturation by 10% instead.


 38.3035, 38.0946,
19.5215


 38.3035, 38.0946,
19.5215


330.1785,
338.0256, 261.8308

 26.3966, 26.0561,
11.8671


 71.8740, 72.2531,
43.4618


 17.2548, 16.8656,
6.5318


 94.2683, 95.1419,
60.5849

 10.5128, 10.1387,
3.0971


 120.8891,
122.4163, 81.7012

 5.8051, 5.4910,
1.1444

 152.1018,
154.4607, 107.2293

 2.7665, 2.5382,
0.0000

188.2718,
191.6594, 137.5878

 1.0315, 0.8957,
0.0000

229.7643,

 0.0000, 0.0000,

234.3968, 173.1952

0.0000

276.9447,
283.0575, 214.4700

■ 38.3035, 38.0946,
19.5215

■ 38.3035, 38.0946,
19.5215

■ 35.9983, 34.9767,
14.1520

■ 40.9410, 41.4979,
26.1713

■ 34.0047, 32.1288,
9.9748

■ 43.9244, 45.1905,
34.1768

■ 32.3035, 29.5418,
6.8944

■ 47.2698, 49.1830,
43.6103

■ 30.8718, 27.2033,
4.7992

■ 50.9914, 53.4838,
54.5382

■ 29.6820, 25.0992,
3.5531

■ 55.1023, 58.1006,
67.0227

■ 29.1693, 24.1571,
3.1254

■ 59.6154, 63.0411,
81.1226

■ 64.5426, 68.3126,
96.8933

■ 68.1408, 73.2201,
105.1492

■ 70.4147, 77.7680,
105.9072

Harmonies

Analogous

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



43.2249, 38.0946, 23.8267



38.3035, 38.0946, 19.5215



33.2473, 38.0946, 19.9841

Triad

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



38.3035, 38.0946, 19.5215



27.6083, 38.0946, 50.8249



44.0444, 38.0946, 63.4241

Complementary

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



38.3035, 38.0946, 19.5215



26.3874, 27.4691, 56.7345

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.



39.3390, 38.0946, 74.5900



38.3035, 38.0946, 19.5215



29.9944, 38.0946, 66.2149

Square

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



38.3035, 38.0946, 19.5215



27.3878, 38.0946, 35.8631



34.1899, 38.0946, 75.7174



46.7431, 38.0946, 47.6515

Rectangle

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



38.3035, 38.0946, 19.5215



30.4688, 38.0946, 22.9493



34.1899, 38.0946, 75.7174



42.6256, 38.0946, 67.9866

Sweetspot

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



38.3044, 38.0964, 19.5223



85.2730, 88.8049, 79.8718



33.5059, 24.6427, 29.8126



17.9558, 18.6601, 16.2434



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.



38.3044, 38.0964, 19.5223



64.6081, 62.8304, 25.6445



43.8043, 51.9087, 21.8984



11.1401, 11.6493, 11.2242



19.2701, 16.0573, 2.0837



0.9827, 0.9009, 0.1221

Inverse Universe

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



26.3874, 27.4691, 56.7345



40.6669, 41.5035, 100.4753



22.5661, 18.4299, 55.1911



10.4128, 10.9997, 13.4918



8.6862, 6.7663, 35.5926



0.4824, 0.4627, 1.7090

Previews

White Background



This preview shows how the XYZ color 38.3035, 38.0946, 19.5215 looks on a white background.

Color Contrast Check

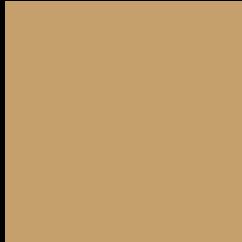
Large Text (above 18pt) WCAG AA × Fail

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 38.3035, 38.0946, 19.5215 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 38.3035, 38.0946, 19.5215

Background



This preview shows how black text looks on a background with the XYZ color 38.3035, 38.0946, 19.5215.



This preview shows how white text looks on a background with the XYZ color 38.3035, 38.0946,

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

38.3035, 38.0946, 19.5215

Protanopia

35.2731, 38.1015, 20.2471

Deuteranopia

38.9243, 38.1583, 19.5011



Tritanopia

42.5399, 38.0556, 40.7007

Trichromacy



Original Color

38.3035, 38.0946, 19.5215

Protanomaly

36.2855, 38.0941, 19.9085

Deuteranomaly

38.6581, 38.0211, 19.4887

Tritanomaly

40.7419, 38.0699, 31.5865

Monochromacy



Original Color

38.3035, 38.0946, 19.5215

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.2627, 37.5551, 31.7232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3035, 38.0946, 19.5215 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, 160, 108)` looks like.

```
.text, #text, p{  
    color:rgb(197, 160, 108)  
}
```

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, 160, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 160, 108) }
```

Border

The CSS property to change the border of an element to XYZ 38.3035, 38.0946, 19.5215 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, 160, 108) }
```


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

```
.border{ border-color:rgb(197, 160, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 160, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 160, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 160, 108);  
box-shadow:4px 4px 4px 4px rgb(197, 160,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3035, 38.0946, 19.5215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 160, 108) }
```

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

```
.background{ background-color: rgb(197,  
160, 108) }
```

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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