

Converting Colors

XYZ(39.5365, 39.5761, 19.2126)

Have a look what the booklet for
XYZ(39.5365, 39.5761, 19.2126)
contains.

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Color

**XYZ(39.5181, 39.5144,
19.1799)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A36A
RGB	200, 163, 106
RGB Percent	78%, 64%, 42%
CMY	0.2157, 0.3608, 0.5843
CMYK	0.00, 0.18, 0.47, 0.22
HSL	36°, 46%, 60%
HSV	36°, 47%, 78%
XYZ	39.5181, 39.5144, 19.1799
YIQ	167.5650, 40.3490, -9.8830

Conversions

Conversions Part 2

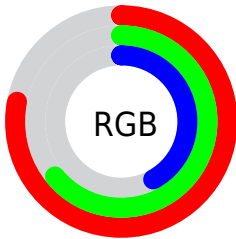
Format	Color
RYB	167, 200, 106
Decimal	13149034
CIELab	69.12, 6.28, 34.65
CIElCh	69, 35.213, 79.731
Yxy	39.5144, 0.4024, 0.4023
Android (android.graphics.Color)	4291339114 (0xFFC8A36A)
YUV	167.5650, -30.3515, 28.4455
Hunter-Lab	62.8605, 2.2106, 25.9119

Details

The XYZ color **39.5181, 39.5144, 19.1799** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.1912, 26.8781, 58.4508**, and the grayscale version is **37.1372, 39.0712, 42.5486**.

A 20% lighter version of the original color is **72.4830, 73.8714, 42.7861**, and **17.9246, 17.5936, 6.3221** is the 20% darker color. If you saturate the color by 10%, you get **37.2428, 36.4386, 13.8749**, and if you desaturate by 10%, it is **42.1249, 42.8650, 25.7928**.

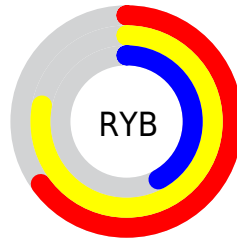
Distribution



Red (78%)

Green (64%)

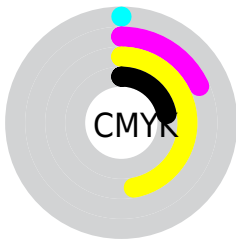
Blue (42%)



Red (65%)

Yellow (78%)

Blue (42%)

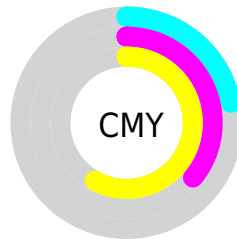


Cyan (0%)

Magenta (18%)

Yellow (47%)

Black (22%)



Cyan (22%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5181, 39.5144, 19.1799 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 39.5181, 39.5144, 19.1799 by changing the saturation by 10% instead.

■ 39.5181, 39.5144,
19.1799

■ 39.5181, 39.5144,
19.1799

335.2576,
344.0726, 259.8959

■ 27.3455, 27.1601,
11.6222

■ 73.7181, 74.4235,
42.8786

■ 17.9708, 17.6935,
6.3676

■ 96.4764, 97.7471,
59.8567

■ 11.0286, 10.7302,
2.9975

■ 123.4938,
125.4960, 80.8120

■ 6.1535, 5.8857,
1.0933

■ 155.1359,
158.0544, 106.1631

■ 2.9802, 2.7757,
0.0000

191.7680,
195.8069, 136.3285

■ 1.1433, 1.0158,
0.0000

233.7554,

■ 0.0609, 0.0000,

239.1379, 171.7267

0.0000

281.4635,
288.4316, 212.7763

■ 0.0000, 0.0000,
0.0000

■ 39.5181, 39.5144,
19.1799

■ 39.5181, 39.5144,
19.1799

■ 37.2428, 36.4386,
13.8749

■ 42.1249, 42.8650,
25.7928

■ 35.2774, 33.6220,
9.7849

■ 45.0774, 46.4939,
33.7932

■ 33.6019, 31.0555,
6.8083


■ 48.3920, 50.4118,
43.2571


■ 32.1922, 28.7267,
4.8255


■ 52.0835, 54.6268,
54.2542


■ 31.0159, 26.6200,
3.6758

■ 56.1656, 59.1466,
66.8497

 30.6916, 26.0239,
3.4055

 60.6511, 63.9787,
81.1051

 65.5525, 69.1301,
97.0784

 69.0590, 73.8786,
105.2279

 71.2485, 78.2577,
105.9578

Harmonies

Analogous

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



44.9893, 39.5144, 23.4567



39.5181, 39.5144, 19.1799



34.0236, 39.5144, 19.9619

Triad

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



39.5181, 39.5144, 19.1799



28.2706, 39.5144, 54.3494



46.4270, 39.5144, 66.3068

Complementary

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



39.5181, 39.5144, 19.1799



26.1912, 26.8781, 58.4508

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.



41.3275, 39.5144, 79.2539



39.5181, 39.5144, 19.1799



30.9924, 39.5144, 71.2441

Square

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



39.5181, 39.5144, 19.1799



27.8903, 39.5144, 37.7365



35.6624, 39.5144, 81.2574



49.2338, 39.5144, 48.7847

Rectangle

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



39.5181, 39.5144, 19.1799



31.0608, 39.5144, 23.3322



35.6624, 39.5144, 81.2574



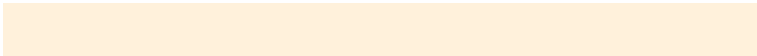
44.9017, 39.5144, 71.5059

Sweetspot

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



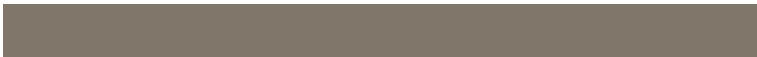
39.5191, 39.5163, 19.1807



85.5062, 89.2712, 79.9495



33.9771, 24.5892, 29.1813



18.0127, 18.7739, 16.2624



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.



39.5191, 39.5163, 19.1807



64.5530, 63.1888, 24.1820



44.6411, 53.3735, 21.5854



11.1600, 11.6892, 11.2308



19.6043, 16.7258, 2.1951



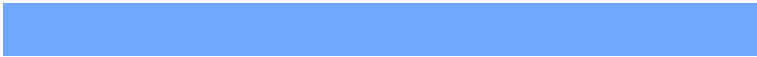
0.9974, 0.9302, 0.1270

Inverse Universe

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



26.1912, 26.8781, 58.4508



38.8343, 38.8314, 100.0562



22.7027, 18.1507, 56.9501



10.3934, 10.9609, 13.4854



8.4752, 6.3442, 35.5222



0.4716, 0.4410, 1.7054

Previews

White Background



This preview shows how the XYZ color 39.5181, 39.5144, 19.1799 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 39.5181, 39.5144, 19.1799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

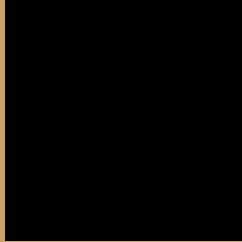
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5181, 39.5144, 19.1799

Background



This preview shows how black text looks on a background with the XYZ color 39.5181, 39.5144, 19.1799.



This preview shows how white text looks on a background with the XYZ color 39.5181, 39.5144,

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

39.5181, 39.5144, 19.1799

Protanopia

36.6619, 39.6490, 19.9081

Deuteranopia

40.2482, 39.3677, 19.1131



Tritanopia

44.1500, 39.3545, 41.8284

Trichromacy



Original Color

39.5181, 39.5144, 19.1799

Protanomaly

37.7078, 39.6461, 19.5750

Deuteranomaly

40.1505, 39.5778, 19.1588

Tritanomaly

42.2395, 39.3354, 32.1543

Monochromacy



Original Color

39.5181, 39.5144, 19.1799

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.5694, 39.0201, 32.3396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5181, 39.5144, 19.1799 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(200, 163, 106)` looks like.

```
.text, #text, p{  
    color:rgb(200, 163, 106)  
}
```

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(200, 163, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 163, 106) }
```

Border

The CSS property to change the border of an element to XYZ 39.5181, 39.5144, 19.1799 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(200, 163, 106) }
```


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

```
.border{ border-color:rgb(200, 163, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 163, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 163, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 163, 106);  
box-shadow:4px 4px 4px 4px rgb(200, 163,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5181, 39.5144, 19.1799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 163, 106) }
```

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

```
.background{ background-color: rgb(200,  
163, 106) }
```

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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