

Converting Colors

XYZ(39.0499, 37.9720, 17.5299)

Have a look what the booklet for
XYZ(39.0499, 37.9720, 17.5299)
contains.

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Color

**XYZ(39.2044, 38.0898,
17.5977)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9E65
RGB	203, 158, 101
RGB Percent	80%, 62%, 40%
CMY	0.2039, 0.3804, 0.6039
CMYK	0.00, 0.22, 0.50, 0.20
HSL	34°, 50%, 60%
HSV	34°, 50%, 80%
XYZ	39.2044, 38.0898, 17.5977
YIQ	164.9570, 45.1170, -8.1870

Conversions

Conversions Part 2

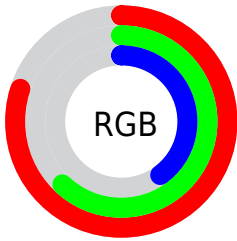
Format	Color
RYB	182, 203, 101
Decimal	13344357
CIELab	68.09, 9.75, 36.04
CIELCh	68, 37.331, 74.859
Yxy	38.0898, 0.4131, 0.4014
Android (android.graphics.Color)	4291534437 (0xFFCB9E65)
YUV	164.9570, -31.5308, 33.3637
Hunter-Lab	61.7169, 5.3838, 26.2962

Details

The XYZ color **39.2044, 38.0898, 17.5977** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.4247, 27.6351, 60.4411**, and the grayscale version is **35.8757, 37.7440, 41.1032**.

A 20% lighter version of the original color is **70.7840, 71.1484, 40.1393**, and **17.7316, 16.8743, 5.5713** is the 20% darker color. If you saturate the color by 10%, you get **36.8580, 34.7969, 12.4999**, and if you desaturate by 10%, it is **41.9097, 41.7072, 24.0278**.

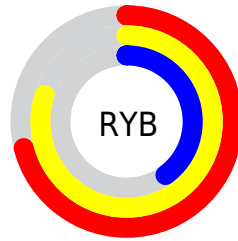
Distribution



Red (80%)

Green (62%)

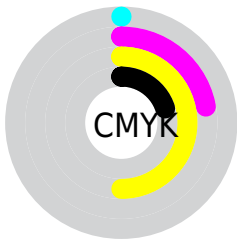
Blue (40%)



Red (71%)

Yellow (80%)

Blue (40%)

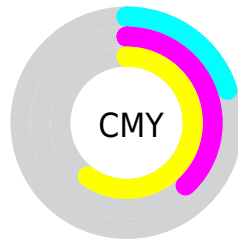


Cyan (0%)

Magenta (22%)

Yellow (50%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2044, 38.0898, 17.5977 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 39.2044, 38.0898, 17.5977 by changing the saturation by 10% instead.


 39.2044, 38.0898,
17.5977


 39.2044, 38.0898,
17.5977


333.9509,
338.0050, 250.7531


 27.1002, 26.0524,
10.4951


 73.2425, 72.2458,
40.1552


 17.7855, 16.8628,
5.6186


 95.9072, 95.1331,
56.4473

 10.8948, 10.1367,
2.5496


 122.8227,
122.4059, 76.6395

 6.0629, 5.4897,
0.8662

 154.3545,
154.4485, 101.1506

 2.9244, 2.5374,
0.0000

190.8679,
191.6453, 130.3989

 1.1139, 0.8953,
0.0000

232.7281,

 0.0367, 0.0000,

234.3807, 164.8031

0.0000

280.3007,
283.0392, 204.7816

■ 0.0000, 0.0000,
0.0000

■ 39.2044, 38.0898,
17.5977

■ 39.2044, 38.0898,
17.5977

■ 36.8580, 34.7969,
12.4999

■ 41.9097, 41.7072,
24.0278

■ 34.8468, 31.8111,
8.6344

■ 44.9898, 45.6549,
31.8757

■ 33.1484, 29.1208,
5.8903

■ 48.4631, 49.9452,
41.2227

■ 31.7354, 26.7110,
4.1357

■ 52.3457, 54.5879,
52.1429

■ 30.5840, 24.6075,
3.1378

■ 56.6527, 59.5925,
64.7056

■ 61.3983, 64.9680,
78.9759

■ 66.5961, 70.7229,
95.0153

■ 70.8765, 76.3125,
105.6019

■ 73.4279, 81.4152,
106.4524

Harmonies

Analogous

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



44.7258, 38.0898, 22.7311



39.2044, 38.0898, 17.5977



33.4096, 38.0898, 17.5747

Triad

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



39.2044, 38.0898, 17.5977



26.4314, 38.0898, 50.2436



44.6810, 38.0898, 68.5803

Complementary

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



39.2044, 38.0898, 17.5977



26.4247, 27.6351, 60.4411

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.



39.1484, 38.0898, 80.7861



39.2044, 38.0898, 17.5977



28.8385, 38.0898, 68.4246

Square

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



39.2044, 38.0898, 17.5977



26.4429, 38.0898, 33.6555



33.3592, 38.0898, 80.7225



48.1107, 38.0898, 50.4168

Rectangle

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



39.2044, 38.0898, 17.5977



30.1784, 38.0898, 20.3479



33.3592, 38.0898, 80.7225



42.9808, 38.0898, 73.7080

Sweetspot

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



39.2053, 38.0916, 17.5985



84.3434, 87.4797, 77.9152



34.5410, 24.1076, 30.3957



17.7590, 18.3716, 15.8537



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.



39.2053, 38.0916, 17.5985



61.5164, 57.9756, 20.5185



46.9672, 55.6435, 20.5772



11.7236, 12.2362, 11.8234



19.5557, 15.8444, 2.0276



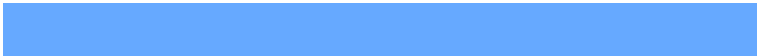
1.0837, 0.9671, 0.1296

Inverse Universe

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



26.4247, 27.6351, 60.4411



37.8093, 38.6044, 100.0664



21.3893, 16.6899, 58.5938



11.0022, 11.6448, 14.2382



9.2503, 7.5245, 36.9211



0.5524, 0.5385, 1.9298

Previews

White Background



This preview shows how the XYZ color 39.2044, 38.0898, 17.5977 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 39.2044, 38.0898, 17.5977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

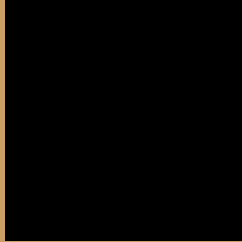
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2044, 38.0898, 17.5977

Background



This preview shows how black text looks on a background with the XYZ color 39.2044, 38.0898, 17.5977.



This preview shows how white text looks on a background with the XYZ color 39.2044, 38.0898,

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

39.2044, 38.0898, 17.5977

Protanopia

35.1910, 38.0957, 18.5951

Deuteranopia

38.8345, 38.1534, 17.6295



Tritanopia

43.6006, 38.1517, 39.2484

Trichromacy



Original Color

39.2044, 38.0898, 17.5977

Protanomaly

36.5316, 37.9925, 18.2398

Deuteranomaly

39.1042, 38.2924, 17.6421

Tritanomaly

41.7428, 38.1265, 29.9700

Monochromacy



Original Color

39.2044, 38.0898, 17.5977

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.3932, 37.3774, 30.8876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2044, 38.0898, 17.5977 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(203, 158, 101)` looks like.

```
.text, #text, p{  
    color:rgb(203, 158, 101)  
}
```

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(203, 158, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 158, 101) }
```

Border

The CSS property to change the border of an element to XYZ 39.2044, 38.0898, 17.5977 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(203, 158, 101) }
```


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

```
.border{ border-color:rgb(203, 158, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 158, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 158, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 158, 101);  
box-shadow:4px 4px 4px 4px rgb(203, 158,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2044, 38.0898, 17.5977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 158, 101) }
```

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

```
.background{ background-color: rgb(203,  
158, 101) }
```

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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