

Converting Colors

XYZ(39.4188, 38.0903, 17.1957)

Have a look what the booklet for
XYZ(39.4188, 38.0903, 17.1957)
contains.

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Color

**XYZ(39.3808, 38.1919,
17.1006)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9E63
RGB	204, 158, 99
RGB Percent	80%, 62%, 39%
CMY	0.2000, 0.3804, 0.6118
CMYK	0.00, 0.23, 0.51, 0.20
HSL	34°, 51%, 59%
HSV	34°, 51%, 80%
XYZ	39.3808, 38.1919, 17.1006
YIQ	165.0280, 46.3550, -8.5970

Conversions

Conversions Part 2

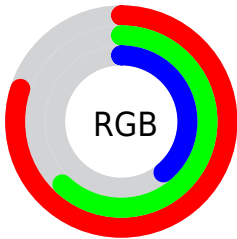
Format	Color
RYB	181, 204, 99
Decimal	13409891
CIELab	68.16, 9.98, 37.20
CIElCh	68, 38.517, 74.976
Yxy	38.1919, 0.4160, 0.4034
Android (android.graphics.Color)	4291599971 (0xFFCC9E63)
YUV	165.0280, -32.5518, 34.1784
Hunter-Lab	61.7996, 5.5970, 26.8535

Details

The XYZ color **39.3808, 38.1919, 17.1006** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.1697, 27.2620, 61.0093**, and the grayscale version is **35.9141, 37.7844, 41.1472**.

A 20% lighter version of the original color is **70.6202, 71.0829, 39.2764**, and **17.8660, 16.9487, 5.3474** is the 20% darker color. If you saturate the color by 10%, you get **37.0570, 34.9128, 12.1071**, and if you desaturate by 10%, it is **42.0637, 41.7949, 23.4298**.

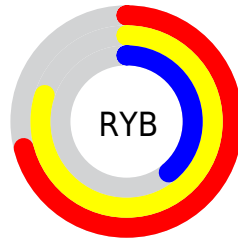
Distribution



Red (80%)

Green (62%)

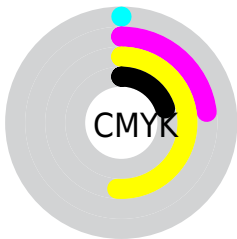
Blue (39%)



Red (71%)

Yellow (80%)

Blue (39%)

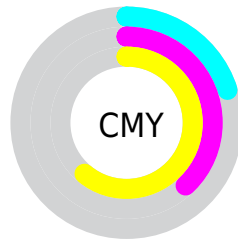


Cyan (0%)

Magenta (23%)

Yellow (51%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3808, 38.1919, 17.1006 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 39.3808, 38.1919, 17.1006 by changing the saturation by 10% instead.


 39.3808, 38.1919,
17.1006


 39.3808, 38.1919,
17.1006


334.6861,
338.4425, 247.8150


 27.2381, 26.1317,
10.1435


 73.5100, 72.4022,
39.2917


 17.8897, 16.9222,
5.3874


 96.2273, 95.3210,
55.3628

 10.9700, 10.1790,
2.4136


 123.2002,
122.6281, 75.3089

 6.1138, 5.5178,
0.7938

 154.7941,
154.7080, 99.5487

 2.9557, 2.5542,
0.0000

191.3743,
191.9450, 128.5007

 1.1304, 0.9037,
0.0000

233.3061,

 0.0503, 0.0000,

234.7234, 162.5834

0.0000

280.9549,
283.4278, 202.2153

■ 0.0000, 0.0000,
0.0000

■ 39.3808, 38.1919,
17.1006

■ 39.3808, 38.1919,
17.1006

■ 37.0570, 34.9128,
12.1071

■ 42.0637, 41.7949,
23.4298

■ 35.0681, 31.9399,
8.3467

■ 45.1221, 45.7277,
31.1825

■ 33.3911, 29.2615,
5.7051

■ 48.5746, 50.0026,
40.4417

■ 31.9976, 26.8622,
4.0454

■ 52.4376, 54.6296,
51.2830

■ 30.9912, 25.0163,
3.1952

■ 56.7265, 59.6183,
63.7771

■ 61.4557, 64.9777,
77.9904

■ 66.6391, 70.7164,
93.9857

■ 71.1082, 76.3703,
105.6009

■ 73.6520, 81.4578,
106.4488

Harmonies

Analogous

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



45.1094, 38.1919, 22.2955



39.3808, 38.1919, 17.1006



33.3936, 38.1919, 17.0966

Triad

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



39.3808, 38.1919, 17.1006



26.2369, 38.1919, 50.7421



45.1015, 38.1919, 69.6836

Complementary

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



39.3808, 38.1919, 17.1006



26.1697, 27.2620, 61.0093

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.



39.3709, 38.1919, 82.4780



39.3808, 38.1919, 17.1006



28.7198, 38.1919, 69.6559

Square

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



39.3808, 38.1919, 17.1006



26.2389, 38.1919, 33.5776



33.3847, 38.1919, 82.4667



48.6519, 38.1919, 50.7727

Rectangle

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



39.3808, 38.1919, 17.1006



30.0674, 38.1919, 19.9245



33.3847, 38.1919, 82.4667



43.3399, 38.1919, 75.0475

Sweetspot

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



39.3817, 38.1937, 17.1014



84.3777, 87.5483, 77.9266



34.5716, 23.8445, 30.0769



17.7673, 18.3881, 15.8565



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.



39.3817, 38.1937, 17.1014



60.8981, 57.1313, 19.1026



47.3318, 56.1943, 20.1568



11.7265, 12.2420, 11.8243



19.6004, 15.9338, 2.0425



1.0859, 0.9715, 0.1303

Inverse Universe

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



26.1697, 27.2620, 61.0093



36.6337, 37.0850, 99.8351



21.0993, 16.2418, 59.1494



10.9993, 11.6391, 14.2372



9.2168, 7.4576, 36.9100



0.5506, 0.5349, 1.9292

Previews

White Background



This preview shows how the XYZ color 39.3808, 38.1919, 17.1006 looks on a white background.

Color Contrast Check

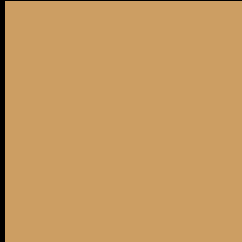
Large Text (above 18pt) WCAG AA × Fail

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 39.3808, 38.1919, 17.1006 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 39.3808, 38.1919, 17.1006

Background



This preview shows how black text looks on a background with the XYZ color 39.3808, 38.1919, 17.1006.



This preview shows how white text looks on a background with the XYZ color 39.3808, 38.1919,

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

39.3808, 38.1919, 17.1006

Protanopia

35.3259, 38.1768, 18.0774

Deuteranopia

39.0074, 38.2537, 17.1322



Tritanopia

43.7224, 37.9766, 39.2082

Trichromacy



Original Color

39.3808, 38.1919, 17.1006

Protanomaly

36.6814, 38.0811, 17.7290

Deuteranomaly

39.2789, 38.3936, 17.1449

Tritanomaly

41.7836, 37.9119, 29.5416

Monochromacy



Original Color

39.3808, 38.1919, 17.1006

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.3185, 37.3475, 30.4939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3808, 38.1919, 17.1006 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(204, 158, 99)` looks like.

```
.text, #text, p{  
    color:rgb(204, 158, 99)  
}
```

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(204, 158, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 158, 99) }
```

Border

The CSS property to change the border of an element to XYZ 39.3808, 38.1919, 17.1006 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(204, 158, 99) }
```


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

```
.border{ border-color:rgb(204, 158, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 158, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 158, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 158, 99);  
box-shadow:4px 4px 4px 4px rgb(204, 158,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3808, 38.1919, 17.1006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 158, 99) }
```

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

```
.background{ background-color: rgb(204,  
158, 99) }
```

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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