

Converting Colors

XYZ(38.3487, 36.8357, 10.4525)

Have a look what the booklet for
XYZ(38.3487, 36.8357, 10.4525)
contains.

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Color

**XYZ(38.3008, 36.7818,
10.3911)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9A43
RGB	207, 154, 67
RGB Percent	81%, 60%, 26%
CMY	0.1882, 0.3961, 0.7372
CMYK	0.00, 0.26, 0.68, 0.19
HSL	37°, 59%, 54%
HSV	37°, 68%, 81%
XYZ	38.3008, 36.7818, 10.3911
YIQ	159.9290, 59.5150, -15.8210

Conversions

Conversions Part 2

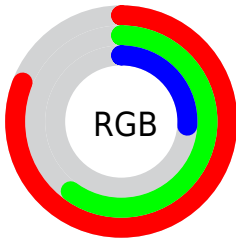
Format	Color
RYB	152, 207, 67
Decimal	13605443
CIELab	67.11, 11.07, 51.90
CIElCh	67, 53.068, 77.964
Yxy	36.7818, 0.4481, 0.4303
Android (android.graphics.Color)	4291795523 (0xFFCF9A43)
YUV	159.9290, -45.8140, 41.2813
Hunter-Lab	60.6480, 6.5934, 32.2952

Details

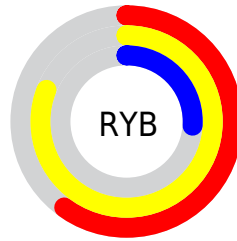
The XYZ color **38.3008, 36.7818, 10.3911** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **20.2933, 19.1304, 61.6540**, and the grayscale version is **33.5670, 35.3151, 38.4581**.

A 20% lighter version of the original color is **67.1256, 67.7037, 26.9830**, and **17.3051, 16.1142, 2.5149** is the 20% darker color. If you saturate the color by 10%, you get **36.5362, 34.0751, 7.2676**, and if you desaturate by 10%, it is **40.3735, 39.7497, 14.7126**.

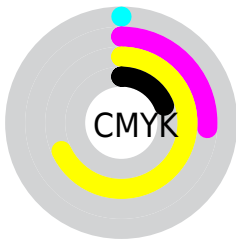
Distribution



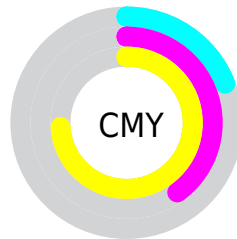
- Red (81%)
- Green (60%)
- Blue (26%)



- Red (60%)
- Yellow (81%)
- Blue (26%)



- Cyan (0%)
- Magenta (26%)
- Yellow (68%)
- Black (19%)





- Cyan (19%)
- Magenta (40%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3008, 36.7818, 10.3911 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 38.3008, 36.7818, 10.3911 by changing the saturation by 10% instead.


 38.3008, 36.7818,
10.3911


 38.3008, 36.7818,
10.3911


330.1672,
332.3649, 204.0263

 26.3945, 25.0386,
5.5501


 71.8699, 70.2371,
27.1478


 17.2532, 16.1058,
2.5091


 94.2634, 92.7179,
39.9005


 10.5116, 9.5991,
0.8450


 120.8833,
119.5468, 56.1276

 5.8043, 5.1339,
0.0000

 152.0951,
151.1080, 76.2474

 2.7660, 2.3261,
0.0000

 188.2640,
187.7861, 100.6787

 1.0313, 0.7875,
0.0000

229.7554,

 0.0000, 0.0000,

229.9653, 129.8399

0.0000

276.9347,
278.0301, 164.1496

■ 38.3008, 36.7818,
10.3911

■ 38.3008, 36.7818,
10.3911

■ 36.5362, 34.0751,
7.2676

■ 40.3735, 39.7497,
14.7126

■ 35.0505, 31.6111,
5.2084

■ 42.7744, 42.9850,
20.3424

■ 33.8079, 29.3743,
4.0287

■ 45.5248, 46.5001,
27.3806

■ 33.5352, 28.8719,
3.8053

■ 48.6429, 50.3047,
35.9168

■ 52.1459, 54.4079,
46.0331

■ 56.0494, 58.8182,
57.8058

■ 60.3682, 63.5437,
71.3060

■ 65.1163, 68.5922,
86.6006

■ 70.3071, 73.9712,
103.7531

Harmonies

Analogous

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



46.4290, 36.7818, 15.2583



38.3008, 36.7818, 10.3911



30.3839, 36.7818, 10.8832

Triad

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



38.3008, 36.7818, 10.3911



22.1658, 36.7818, 55.3993



47.8153, 36.7818, 77.8413

Complementary

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



38.3008, 36.7818, 10.3911



20.2933, 19.1304, 61.6540

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.



39.9739, 36.7818, 99.0360



38.3008, 36.7818, 10.3911



25.5547, 36.7818, 83.0197

Square

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



38.3008, 36.7818, 10.3911



21.8603, 36.7818, 31.4689



31.8193, 36.7818, 101.2299



52.4624, 36.7818, 50.0623

Rectangle

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



38.3008, 36.7818, 10.3911



26.2471, 36.7818, 14.2150



31.8193, 36.7818, 101.2299



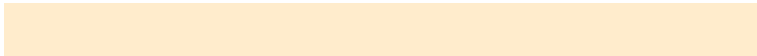
45.4148, 36.7818, 86.3675

Sweetspot

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



38.3017, 36.7836, 10.3918



82.0467, 85.4349, 69.2930



31.1701, 18.6522, 19.9400



17.2159, 17.8833, 13.8293



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.



38.3017, 36.7836, 10.3918



57.4682, 52.8478, 10.0170



44.7279, 56.0638, 13.7746



12.4118, 13.0143, 12.4699



21.2226, 18.3781, 2.4288



1.2618, 1.1779, 0.1609

Inverse Universe

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



20.2933, 19.1304, 61.6540



26.8328, 22.9444, 97.6222



16.8667, 10.3739, 60.1444



11.5252, 12.1406, 14.9796



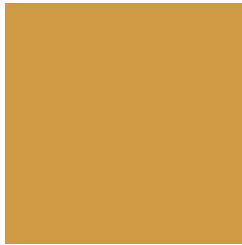
8.9128, 6.4722, 37.9720



0.5739, 0.5130, 2.1483

Previews

White Background



This preview shows how the XYZ color 38.3008, 36.7818, 10.3911 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 38.3008, 36.7818, 10.3911 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 38.3008, 36.7818, 10.3911

Background



This preview shows how black text looks on a background with the XYZ color 38.3008, 36.7818, 10.3911.



This preview shows how white text looks on a background with the XYZ color 38.3008, 36.7818,

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

38.3008, 36.7818, 10.3911

Protanopia

33.6724, 36.9382, 11.1494

Deuteranopia

37.5302, 36.8787, 10.4504



Tritanopia

43.5667, 36.7972, 36.2588

Trichromacy



Original Color

38.3008, 36.7818, 10.3911

Protanomaly

35.1308, 36.6476, 10.8523

Deuteranomaly

37.6363, 36.6853, 10.4075

Tritanomaly

41.0920, 36.4839, 23.9451

Monochromacy



Original Color

38.3008, 36.7818, 10.3911

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.1242, 35.3072, 24.7551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3008, 36.7818, 10.3911 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(207, 154, 67)` looks like.

```
.text, #text, p{  
    color:rgb(207, 154, 67)  
}
```

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(207, 154, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 154, 67) }
```

Border

The CSS property to change the border of an element to XYZ 38.3008, 36.7818, 10.3911 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(207, 154, 67) }
```


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

```
.border{ border-color:rgb(207, 154, 67) }
```

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

Here you see how a box with a 4 pixel rgb(207, 154, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 154, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 154, 67);  
box-shadow:4px 4px 4px 4px rgb(207, 154,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3008, 36.7818, 10.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 154, 67) }
```

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

```
.background{ background-color: rgb(207,  
154, 67) }
```

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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