

Converting Colors

XYZ(38.9316, 43.1035, 6.8840)

Have a look what the booklet for
XYZ(38.9316, 43.1035, 6.8840)
contains.

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Color

**XYZ(38.9316, 43.1035,
6.8840)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B013
RGB	198, 176, 19
RGB Percent	78%, 69%, 7%
CMY	0.2235, 0.3098, 0.9254
CMYK	0.00, 0.11, 0.90, 0.22
HSL	53°, 82%, 43%
HSV	53°, 90%, 78%
XYZ	38.9316, 43.1035, 6.8840
YIQ	164.6800, 63.5090, -44.1630

Conversions

Conversions Part 2

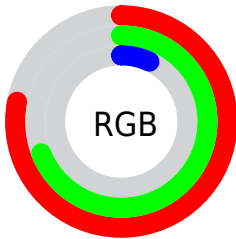
Format	Color
RYB	44, 198, 19
Decimal	13021203
CIELab	71.63, -6.37, 71.40
CIELCh	72, 71.686, 95.095
Yxy	43.1035, 0.4378, 0.4847
Android (android.graphics.Color)	4291211283 (0xFFC6B013)
YUV	164.6800, -71.8202, 29.2216
Hunter-Lab	65.6533, -9.0448, 39.7405

Details

The XYZ color **38.9316, 43.1035, 6.8840** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **11.2549, 5.8020, 53.9523**, and the grayscale version is **35.9242, 37.7951, 41.1588**.

A 20% lighter version of the original color is **71.4556, 79.0677, 20.0898**, and **18.0229, 19.9908, 2.9087** is the 20% darker color. If you saturate the color by 10%, you get **38.3608, 42.1502, 6.1140**, and if you desaturate by 10%, it is **39.6594, 44.1665, 8.3378**.

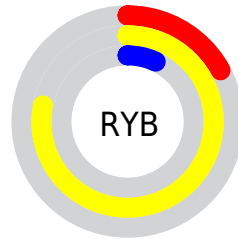
Distribution



Red (78%)

Green (69%)

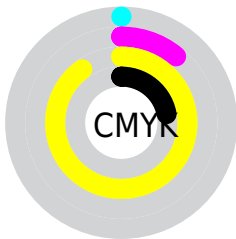
Blue (7%)



Red (17%)

Yellow (78%)

Blue (7%)

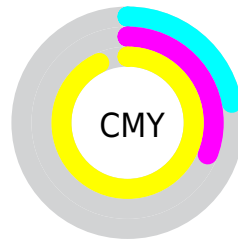


Cyan (0%)

Magenta (11%)

Yellow (90%)

Black (22%)



Cyan (22%)

Magenta (31%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9316, 43.1035, 6.8840 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 38.9316, 43.1035, 6.8840 by changing the saturation by 10% instead.

■ 38.9316, 43.1035,
6.8840

■ 38.9316, 43.1035,
6.8840

332.8118,
359.0372, 176.2905

■ 26.8870, 29.9663,
3.3123

■ 72.8286, 79.8670,
20.2483

■ 17.6245, 19.8130,
1.2562

■ 95.4116, 104.2622,
30.8781

■ 10.7788, 12.2592,
0.0255

■ 122.2382,
133.1788, 44.6976

■ 5.9845, 6.9205,
0.0000

■ 153.6737,
167.0012, 62.1254

■ 2.8762, 3.4124,
0.0000

■ 190.0835,
206.1139, 83.5801

■ 1.0886, 1.3506,
0.0000

■ 231.8328,

■ 0.0156, 0.1799,

250.9012, 109.4801

0.0000

279.2871,
301.7475, 140.2441

■ 0.0000, 0.0000,
0.0000

■ 38.9316, 43.1035,
6.8840

■ 38.9316, 43.1035,
6.8840

■ 38.3608, 42.1502,
6.1140

■ 39.6594, 44.1665,
8.3378

■ 40.5656, 45.3129,
10.6933

■ 41.6748, 46.5544,
14.0747

■ 43.0068, 47.8988,
18.5864

■ 44.5789, 49.3533,
24.3197

■ 46.4067, 50.9241,
31.3566

■ 48.5047, 52.6170,
39.7722

■ 50.8858, 54.4373,
49.6356

■ 53.5625, 56.3901,
61.0115

Harmonies

Analogous

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



51.5981, 43.1035, 8.6745



38.9316, 43.1035, 6.8840



28.9671, 43.1035, 10.7457

Triad

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



38.9316, 43.1035, 6.8840



24.6928, 43.1035, 96.7739



65.9780, 43.1035, 81.0619

Complementary

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



38.9316, 43.1035, 6.8840



11.2549, 5.8020, 53.9523

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.



55.8971, 43.1035, 125.5621



38.9316, 43.1035, 6.8840



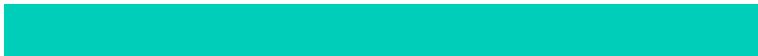
31.9094, 43.1035, 137.3471

Square

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



38.9316, 43.1035, 6.8840



21.8492, 43.1035, 53.1191



43.0754, 43.1035, 149.8807



68.8731, 43.1035, 41.2457

Rectangle

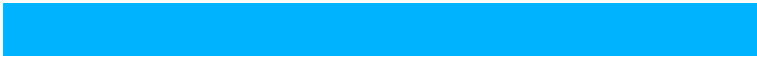
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38.9316, 43.1035, 6.8840



24.6611, 43.1035, 18.1442



43.0754, 43.1035, 149.8807



63.2317, 43.1035, 96.4797

Sweetspot

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



38.9326, 43.1056, 6.8849



83.2391, 91.0520, 59.7256



23.9554, 12.6453, 3.4519



17.5546, 19.2726, 11.7475



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.



38.9326, 43.1056, 6.8849



67.8060, 74.3919, 10.7853



29.8853, 45.3703, 7.7989



11.4084, 12.1859, 11.3136



24.9897, 27.4965, 3.9903



1.2153, 1.3661, 0.1996

Inverse Universe

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



11.2549, 5.8020, 53.9523



18.5488, 8.2175, 95.2163



14.1398, 6.4578, 53.9269



10.1600, 10.4940, 13.4075



6.8799, 3.1537, 34.9905



0.3615, 0.2208, 1.6687

Previews

White Background



This preview shows how the XYZ color 38.9316, 43.1035, 6.8840 looks on a white background.

Color Contrast Check

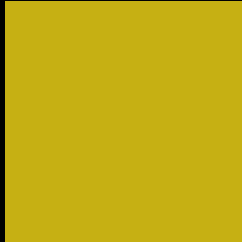
Large Text (above 18pt) WCAG AA × Fail

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 38.9316, 43.1035, 6.8840 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 38.9316, 43.1035, 6.8840

Background



This preview shows how black text looks on a background with the XYZ color 38.9316, 43.1035, 6.8840.



This preview shows how white text looks on a background with the XYZ color 38.9316, 43.1035,

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

38.9316, 43.1035, 6.8840

Protanopia

38.9316, 43.1035, 6.8840

Deuteranopia

43.9700, 42.8859, 7.0589



Tritanopia

47.1244, 43.0954, 46.9088

Trichromacy



Original Color

38.9316, 43.1035, 6.8840

Protanomaly

38.9316, 43.1035, 6.8840

Deuteranomaly

41.9908, 42.9658, 6.9998

Tritanomaly

42.2342, 42.1745, 23.3673

Monochromacy



Original Color

38.9316, 43.1035, 6.8840

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.2441, 38.8929, 20.9788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9316, 43.1035, 6.8840 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(198, 176, 19)` looks like.

```
.text, #text, p{  
    color:rgb(198, 176, 19)  
}
```

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(198, 176, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 176, 19) }
```

Border

The CSS property to change the border of an element to XYZ 38.9316, 43.1035, 6.8840 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(198, 176, 19) }
```


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

```
.border{ border-color:rgb(198, 176, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 176, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 176, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 176, 19);  
box-shadow:4px 4px 4px 4px rgb(198, 176,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9316, 43.1035, 6.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 176, 19) }
```

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

```
.background{ background-color: rgb(198,  
176, 19) }
```

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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