

Converting Colors

XYZ(39.0493, 38.6194, 7.6484)

Have a look what the booklet for
XYZ(39.0493, 38.6194, 7.6484)
contains.

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Color

**XYZ(39.0193, 38.7259,
7.7038)**

Conversions

Conversions Part 1

Format	Color
Hex	D0A02B
RGB	208, 160, 43
RGB Percent	82%, 63%, 17%
CMY	0.1843, 0.3725, 0.8314
CMYK	0.00, 0.23, 0.79, 0.18
HSL	43°, 66%, 49%
HSV	43°, 79%, 82%
XYZ	39.0193, 38.7259, 7.7038
YIQ	161.0140, 66.1650, -26.2110

Conversions

Conversions Part 2

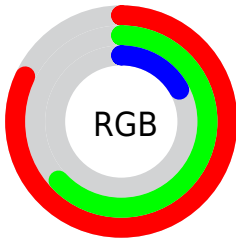
Format	Color
R _Y B	111, 208, 43
Decimal	13672491
CIE Lab	68.55, 7.16, 63.06
CIE LCh	69, 63.464, 83.524
Yxy	38.7259, 0.4566, 0.4532
Android (android.graphics.Color)	4291862571 (0xFFD0A02B)
YUV	161.0140, -58.1809, 41.2067
Hunter-Lab	62.2301, 3.0196, 36.2213

Details

The XYZ color **39.0193, 38.7259, 7.7038** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **16.1225, 12.5496, 61.2468**, and the grayscale version is **34.1242, 35.9013, 39.0966**.

A 20% lighter version of the original color is **67.4912, 70.2350, 21.5548**, and **17.8631, 17.3268, 2.4029** is the 20% darker color. If you saturate the color by 10%, you get **37.7073, 36.5650, 5.8398**, and if you desaturate by 10%, it is **40.5785, 41.0705, 10.6100**.

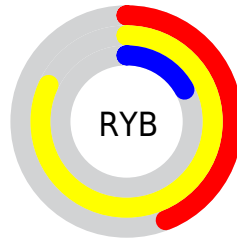
Distribution



Red (82%)

Green (63%)

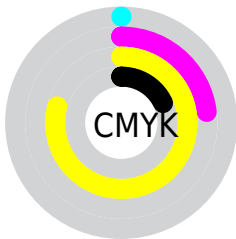
Blue (17%)



Red (44%)

Yellow (82%)

Blue (17%)

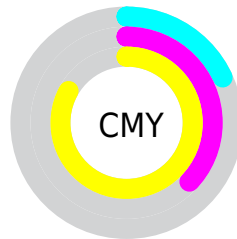


Cyan (0%)

Magenta (23%)

Yellow (79%)

Black (18%)



Cyan (18%)


Magenta (37%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0193, 38.7259, 7.7038 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 39.0193, 38.7259, 7.7038 by changing the saturation by 10% instead.


 39.0193, 38.7259,
7.7038


 39.0193, 38.7259,
7.7038


333.1783,
340.7237, 183.2369

 26.9555, 26.5466,
3.8210


 72.9617, 73.2194,
21.9122

 17.6762, 17.2330,
1.5276


 95.5710, 96.3024,
33.0748

 10.8161, 10.4007,
0.2384


 122.4262,
123.7886, 47.5012

 6.0097, 5.6655,
0.0000

 153.8927,
156.0626, 65.6097

 2.8917, 2.6427,
0.0000

 190.3358,
193.5087, 87.8190

 1.0967, 0.9482,
0.0000

 232.1209,

 0.0224, 0.0000,

236.5114, 114.5476

0.0000

279.6132,
285.4549, 146.2141

■ 0.0000, 0.0000,
0.0000

■ 39.0193, 38.7259,
7.7038

■ 39.0193, 38.7259,
7.7038

■ 37.7073, 36.5650,
5.8398

■ 40.5785, 41.0705,
10.6100

■ 36.5950, 34.5629,
4.7829

■ 42.4090, 43.6049,
14.6935

■ 36.5234, 34.4320,
4.7210

■ 44.5345, 46.3412,
20.0713

■ 46.9749, 49.2884,
26.8456

■ 49.7483, 52.4549,
35.1083

■ 52.8713, 55.8484,
44.9434

■ 56.3592, 59.4759,
56.4286

■ 60.2265, 63.3443,
69.6366

■ 64.4866, 67.4599,
84.6354

Harmonies

Analogous

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



49.4632, 38.7259, 11.5763



39.0193, 38.7259, 7.7038



29.6539, 38.7259, 9.1460

Triad

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



39.0193, 38.7259, 7.7038



21.8422, 38.7259, 68.1873



54.5361, 38.7259, 84.1077

Complementary

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



39.0193, 38.7259, 7.7038



16.1225, 12.5496, 61.2468

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.



45.0286, 38.7259, 115.4959



39.0193, 38.7259, 7.7038



26.5192, 38.7259, 103.7590

Square

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



39.0193, 38.7259, 7.7038



20.8168, 38.7259, 36.2551



34.6815, 38.7259, 123.9671



59.4106, 38.7259, 48.6866

Rectangle

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



39.0193, 38.7259, 7.7038



25.0901, 38.7259, 13.5138



34.6815, 38.7259, 123.9671



51.7016, 38.7259, 96.0268

Sweetspot

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



39.0202, 38.7278, 7.7045



81.2967, 85.8292, 63.2031



28.8302, 15.9194, 11.7941



17.0265, 17.9608, 12.3598



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.



39.0202, 38.7278, 7.7045



58.5627, 55.7917, 8.0547



40.6712, 54.4000, 10.6426



12.5009, 13.1924, 12.4996



22.8503, 21.6337, 2.9714



1.3442, 1.3427, 0.1883

Inverse Universe

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



16.1225, 12.5496, 61.2468



21.3221, 13.5233, 96.0942



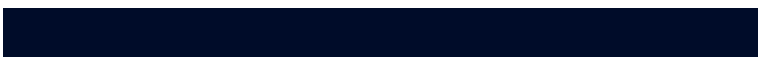
15.2299, 7.8188, 60.3807



11.4399, 11.9700, 14.9511



8.1923, 5.0312, 37.7318



0.5266, 0.4185, 2.1326

Previews

White Background



This preview shows how the XYZ color 39.0193, 38.7259, 7.7038 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 39.0193, 38.7259, 7.7038 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 39.0193, 38.7259, 7.7038

Background



This preview shows how black text looks on a background with the XYZ color 39.0193, 38.7259, 7.7038.



This preview shows how white text looks on a background with the XYZ color 39.0193, 38.7259,

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

39.0193, 38.7259, 7.7038

Protanopia

35.2153, 38.8861, 8.1323

Deuteranopia

39.4125, 38.6723, 7.6727



Tritanopia

45.4994, 38.6670, 38.7836

Trichromacy



Original Color

39.0193, 38.7259, 7.7038

Protanomaly

36.4154, 38.6942, 7.9323

Deuteranomaly

39.1287, 38.5260, 7.6595

Tritanomaly

42.1018, 38.2366, 22.3009

Monochromacy



Original Color

39.0193, 38.7259, 7.7038

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.3750, 36.2627, 22.3272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0193, 38.7259, 7.7038 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(208, 160, 43)` looks like.

```
.text, #text, p{  
    color:rgb(208, 160, 43)  
}
```

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(208, 160, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 160, 43) }
```

Border

The CSS property to change the border of an element to XYZ 39.0193, 38.7259, 7.7038 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(208, 160, 43) }
```


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

```
.border{ border-color:rgb(208, 160, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 160, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 160, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 160, 43);  
box-shadow:4px 4px 4px 4px rgb(208, 160,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0193, 38.7259, 7.7038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 160, 43) }
```

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

```
.background{ background-color: rgb(208,  
160, 43) }
```

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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