

Converting Colors

XYZ(19.5587, 39.0490, 6.7304)

Have a look what the booklet for
XYZ(19.5587, 39.0490, 6.7304)
contains.

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Color

**XYZ(19.5589, 39.0477,
6.7358)**

Conversions

Conversions Part 1

Format	Color
Hex	00C308
RGB	0, 195, 8
RGB Percent	0%, 76%, 3%
CMY	1.0000, 0.2353, 0.9685
CMYK	1.00, 0.00, 0.96, 0.24
HSL	122°, 100%, 38%
HSV	122°, 100%, 76%
XYZ	19.5589, 39.0477, 6.7358
YIQ	115.3770, -56.1930, -99.4970

Conversions

Conversions Part 2

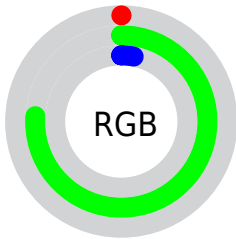
Format	Color
RYB	0, 187, 195
Decimal	49928
CIELab	68.79, -70.26, 67.08
CIELCh	69, 97.145, 136.327
Yxy	39.0477, 0.2993, 0.5976
Android (android.graphics.Color)	4278240008 (0xFF00C308)
YUV	115.3770, -52.9369, -101.1856
Hunter-Lab	62.4882, -53.4835, 37.3507

Details

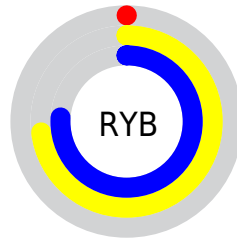
The XYZ color **19.5589, 39.0477, 6.7358** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **31.4744, 15.1897, 48.2772**, and the grayscale version is **16.5801, 17.4436, 18.9960**.

A 20% lighter version of the original color is **42.2418, 73.7433, 19.9902**, and **9.2326, 18.4652, 3.0775** is the 20% darker color. If you saturate the color by 10%, you get **19.5598, 39.0493, 6.7367**, and if you desaturate by 10%, it is **19.9889, 39.2531, 7.5430**.

Distribution



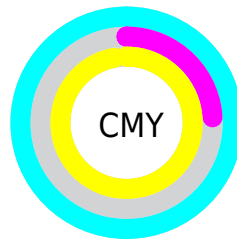
- Red (0%)
- Green (76%)
- Blue (3%)



- Red (0%)
- Yellow (73%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (96%)
- Black (24%)





- Cyan (100%)
- Magenta (24%)
- Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.5589, 39.0477, 6.7358 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 19.5589, 39.0477, 6.7358 by changing the saturation by 10% instead.


 19.5589, 39.0477,
6.7358


 19.5589, 39.0477,
6.7358


242.3964,
342.0932, 174.9968


 12.1812, 26.7968,
3.2215

 42.1860, 73.7112,
19.9434


 6.9403, 17.4207,
1.2088


 58.1661, 96.8926,
30.4739

 3.4708, 10.5349,
0.0000


 77.7445, 124.4863,
44.1801

 1.4073, 5.7550,
0.0000

 101.2863,
156.8767, 61.4806

 0.2614, 2.6967,
0.0000

 129.1571,
194.4482, 82.7940

 0.0000, 0.9755,
0.0000

 161.7221,

 0.0000, 0.0000,

237.5852, 108.5388

0.0000

199.3468,
286.6721, 139.1335

■ 19.5589, 39.0477,
6.7358

■ 19.5589, 39.0477,
6.7358

■ 19.5598, 39.0493,
6.7367

■ 19.9889, 39.2531,
7.5430

■ 20.8343, 39.6558,
9.0812

■ 22.2188, 40.3179,
11.4788

■ 24.2120, 41.2732,
14.8363

■ 26.8734, 42.5504,
19.2405

■ 30.2552, 44.1750,
24.7683

■ 34.4045, 46.1696,
31.4894

■ 39.3645, 48.5550,
39.4679

■ 45.1749, 51.3507,
48.7635

Harmonies

Analogous

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



29.4000, 39.0477, 2.0211



19.5589, 39.0477, 6.7358



15.1442, 39.0477, 25.4624

Triad

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



19.5589, 39.0477, 6.7358



30.5478, 39.0477, 189.5029



73.3783, 39.0477, 22.8628

Complementary

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



19.5589, 39.0477, 6.7358



31.4744, 15.1897, 48.2772

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.



73.9384, 39.0477, 65.8654



19.5589, 39.0477, 6.7358



46.0707, 39.0477, 186.7652

Square

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



19.5589, 39.0477, 6.7358



20.1979, 39.0477, 138.0125



62.8999, 39.0477, 132.0176



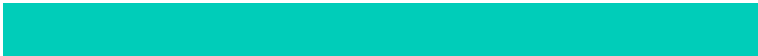
61.5325, 39.0477, 5.9555

Rectangle

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



19.5589, 39.0477, 6.7358



14.7848, 39.0477, 52.5573



62.8999, 39.0477, 132.0176



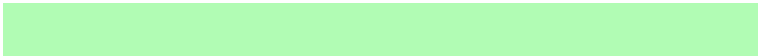
74.9860, 39.0477, 33.8433

Sweetspot

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



19.5598, 39.0493, 6.7367



61.2394, 82.5058, 55.7868



40.3791, 49.7872, 7.4817



12.6793, 17.7163, 11.0340



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.



19.5598, 39.0493, 6.7367



35.0088, 69.9265, 11.9502



22.0147, 40.0313, 19.6637



9.9609, 11.2654, 10.7972



12.7200, 25.3821, 4.4186



0.5555, 1.0990, 0.2220

Inverse Universe

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



31.4744, 15.1897, 48.2772



56.3451, 27.1944, 86.3364



24.3950, 12.3579, 10.9974



10.4788, 10.2401, 12.6120



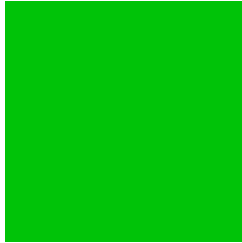
20.4638, 9.8753, 31.4180



0.8898, 0.4289, 1.3872

Previews

White Background



This preview shows how the XYZ color 19.5589, 39.0477, 6.7358 looks on a white background.

Color Contrast Check

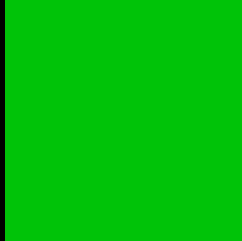
Large Text (above 18pt) WCAG AA × Fail

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 19.5589, 39.0477, 6.7358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

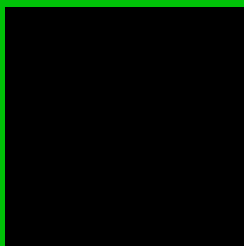
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 19.5589, 39.0477, 6.7358

Background



This preview shows how black text looks on a background with the XYZ color 19.5589, 39.0477, 6.7358.



This preview shows how white text looks on a background with the XYZ color 19.5589, 39.0477,

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

19.5589, 39.0477, 6.7358

Protanopia

34.5578, 38.3288, 5.5768

Deuteranopia

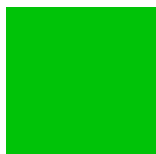
38.9574, 38.1834, 7.6024



Tritanopia

29.9674, 38.8271, 58.1395

Trichromacy



Original Color

19.5589, 39.0477, 6.7358



Protanomaly

23.4843, 35.4439, 5.6898



Deuteranomaly

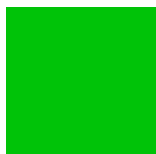
24.4701, 34.2061, 6.5410



Tritanomaly

22.8714, 37.4064, 26.4368

Monochromacy



Original Color

19.5589, 39.0477, 6.7358



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

14.0254, 21.8848, 10.3224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5589, 39.0477, 6.7358 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(0, 195, 8)` looks like.

```
.text, #text, p{  
    color:rgb(0, 195, 8)  
}
```

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(0, 195, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 195, 8) }
```

Border

The CSS property to change the border of an element to XYZ 19.5589, 39.0477, 6.7358 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(0, 195, 8) }
```


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

```
.border{ border-color:rgb(0, 195, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 195, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 195, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 195, 8); box-shadow:4px  
4px 4px 4px rgb(0, 195, 8) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5589, 39.0477, 6.7358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 195, 8) }
```

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

```
.background{ background-color: rgb(0, 195,  
8) }
```

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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