

Converting Colors

YUV(101.0100, -39.4449,
-88.5858)

Have a look what the booklet for
YUV(101.0100, -39.4449, -88.5858)
contains.

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Color

**YUV(101.0100, -39.4449,
-88.5858)**

Conversions

Conversions Part 1

Format	Color
Hex	00A815
RGB	0, 168, 21
RGB Percent	0%, 66%, 8%
CMY	1.0000, 0.3412, 0.9176
CMYK	1.00, 0.00, 0.87, 0.34
HSL	128°, 100%, 33%
HSV	128°, 100%, 66%
XYZ	14.1380, 28.0594, 5.3803
YIQ	101.0100, -52.9410, -81.3330

Conversions

Conversions Part 2

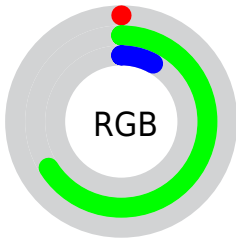
Format	Color
RYB	0, 149, 168
Decimal	43029
CIELab	59.94, -62.41, 57.54
CIELCh	60, 84.893, 137.325
Yxy	28.0594, 0.2972, 0.5898
Android (android.graphics.Color)	4278233109 (0xFF00A815)
YUV	101.0100, -39.4449, -88.5858
Hunter-Lab	52.9711, -45.0578, 31.0577

Details

The YUV color **101.0100, -39.4449, -88.5858** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **66.9900, 39.4449, 88.5858**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.5290, -43.1518, -66.2389**, and **66.9180, -32.9906, -58.6871** is the 20% darker color. If you saturate the color by 10%, you get **101.0100, -39.4449, -88.5858**, and if you desaturate by 10%, it is **107.8030, -35.3989, -79.6342**.

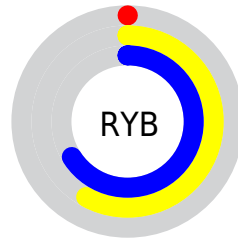
Distribution



Red (0%)

Green (66%)

Blue (8%)



Red (0%)

Yellow (58%)

Blue (66%)

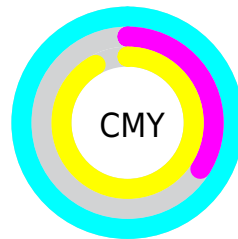


Cyan (100%)

Magenta (0%)

Yellow (87%)

Black (34%)



Cyan (100%)

Magenta (34%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.0100, -39.4449, -88.5858 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 YUV color 101.0100, -39.4449, -88.5858 by changing the saturation by 10% instead.

■ 101.0100,
-39.4449, -88.5858

■ 101.0100,
-39.4449, -88.5858

255.0000, 0.0000,
0.0000

■ 82.7670, -40.8041,
-72.5867

■ 169.5290,
-43.1518, -66.2389

■ 66.9180, -32.9906,
-58.6871

■ 198.8990,
-44.3202, -64.8094

■ 51.6560, -25.4664,
-45.3023

■ 211.8330,
-37.3857, -48.9655

■ 36.9810, -18.2316,
-32.4323

■ 223.9950,
-29.5775, -33.3216

■ 23.4800, -11.5756,
-20.5920

■ 236.1570,
-21.7694, -17.6777

■ 0.0000, 0.0000,
0.0000

■ 248.7320,

-13.6719, -1.5190

254.4300, -2.1840,
0.4999

■ 101.0100,
-39.4449, -88.5858

■ 107.8030,
-35.3989, -79.6342

■ 114.4820,
-31.7896, -70.5827

■ 120.9760,
-27.5962, -62.2460

■ 127.7690,
-23.5501, -53.2944

■ 134.4480,
-19.9409, -44.2429

■ 141.2410,
-15.8948, -35.2914

■ 148.0340,
-11.8488, -26.3398

■ 154.5280, -7.6553,
-18.0031

■ 161.2070, -4.0461,
-8.9515

Harmonies

Analogous

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



130.4640, -64.3188, 3.1011



101.0100, -39.4449, -88.5858



115.1510, -3.0324, -100.9874

Triad

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



101.0100, -39.4449, -88.5858



124.7510, 64.2128, -109.4066



116.9780, -5.9052, 121.0453

Complementary

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



101.0100, -39.4449, -88.5858



66.9900, 39.4449, 88.5858

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.



128.3490, 24.9709, 111.0729



101.0100, -39.4449, -88.5858



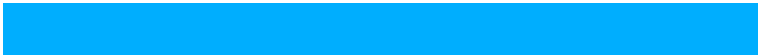
113.3540, 69.8315, -91.5185

Square

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



101.0100, -39.4449, -88.5858



131.0940, 60.5927, -114.9694



146.3590, 49.6160, 46.1662



132.1740, -50.3718, 103.3334

Rectangle

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



101.0100, -39.4449, -88.5858



121.6660, 19.3917, -106.7011



146.3590, 49.6160, 46.1662



115.1320, 7.3299, 122.6642

Sweetspot

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



101.0100, -39.4449, -88.5858



193.0670, -15.3160, -34.2618



142.8680, -70.4339, 4.5008



94.0500, -9.3916, -21.0918



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



101.0100, -39.4449, -88.5858



131.6310, -51.5831, -115.4404



110.4720, -3.1907, -96.8839



80.8100, -1.8783, -4.2184



88.9280, -34.9675, -77.9899



12.0820, -4.4774, -10.5959

Inverse Universe

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



66.9900, 39.4449, 88.5858



87.3690, 51.5831, 115.4404



57.5280, 3.1907, 96.8839



79.1900, 1.8783, 4.2184



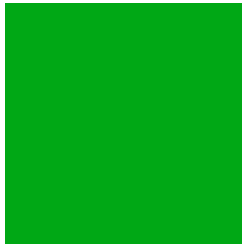
58.9580, 34.5307, 78.0898



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 101.0100, -39.4449, -88.5858 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 101.0100, -39.4449, -88.5858 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 × Fail

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

YUV 101.0100, -39.4449, -88.5858 Background



This preview shows how black text looks on a background with the YUV color 101.0100, -39.4449, -88.5858.



This preview shows how white text looks on a background with the YUV color 101.0100, -39.4449, -88.5858.

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



Protanopia

134.3340, -60.3107, 24.2631

Deuteranopia

138.3260, -47.9817, 36.5481

Tritanopia

131.7680, 18.3554, -54.1705

Trichromacy



Protanomaly

122.3180, -52.9078, -16.9419

Deuteranomaly

125.1370, -44.9305, -8.8901

Tritanomaly

120.4850, -2.7041, -66.2003

Monochromacy



Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.7190, -14.1585, -32.2026

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.0100, -39.4449, -88.5858 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, 168, 21)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 21)  
}
```

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, 168, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 21) }
```

Border

The CSS property to change the border of an element to YUV 101.0100, -39.4449, -88.5858 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, 168, 21) }
```

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

```
.border{ border-color:rgb(0, 168, 21) }
```

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

Here you see how a box with a 4 pixel rgb(0, 168, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 21);  
box-shadow:4px 4px 4px 4px rgb(0, 168, 21)  
}
```


Background

The CSS property to change the background color of an element to YUV 101.0100, -39.4449, -88.5858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 168, 21) }
```

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

```
.background{ background-color: rgb(0, 168,  
21) }
```

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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