

Converting Colors

YUV(169.0850, -83.3589,
-50.0635)

Have a look what the booklet for
YUV(169.0850, -83.3589, -50.0635)
contains.

YUV(169.0850, -83.3589, -50.0635)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(169.0850, -83.3589,
-50.0635)**

Conversions

Conversions Part 1

Format	Color
Hex	70E700
RGB	112, 231, 0
RGB Percent	44%, 91%, 0%
CMY	0.5608, 0.0941, 1.0000
CMYK	0.52, 0.00, 1.00, 0.09
HSL	91°, 100%, 45%
HSV	91°, 100%, 91%
XYZ	35.2580, 60.5966, 9.8380
YIQ	169.0850, 3.2270, -97.0690

Conversions

Conversions Part 2

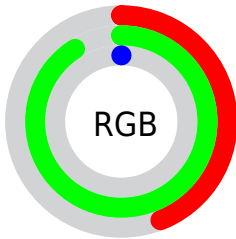
Format	Color
RYB	0, 231, 119
Decimal	7399168
CIELab	82.16, -63.85, 79.50
CIELCh	82, 101.964, 128.770
Yxy	60.5966, 0.3336, 0.5733
Android (android.graphics.Color)	4285589248 (0xFF70E700)
YUV	169.0850, -83.3589, -50.0635
Hunter-Lab	77.8438, -55.3782, 46.9975

Details

The YUV color **169.0850, -83.3589, -50.0635** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **61.9150, 83.3589, 50.0635**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.7430, -61.0053, -33.1006**, and **113.7990, -56.1029, -65.5987** is the 20% darker color. If you saturate the color by 10%, you get **169.0850, -83.3589, -50.0635**, and if you desaturate by 10%, it is **175.2950, -75.0814, -44.9857**.

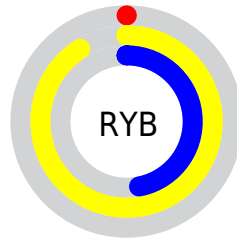
Distribution



Red (44%)

Green (91%)

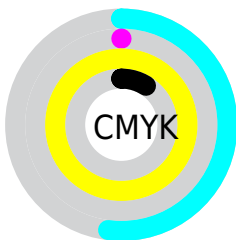
Blue (0%)



Red (0%)

Yellow (91%)

Blue (47%)

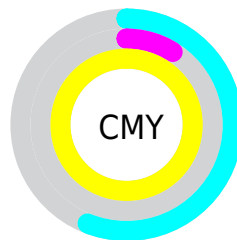


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (56%)

Magenta (9%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.0850, -83.3589, -50.0635 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 169.0850, -83.3589, -50.0635 by changing the saturation by 10% instead.

■ 169.0850,
-83.3589, -50.0635

■ 169.0850,
-83.3589, -50.0635

■ 255.0000, 0.0000,
0.0000

■ 142.1950,
-70.1021, -55.4220

■ 211.7430,
-61.0053, -33.1006

■ 113.7990,
-56.1029, -65.5987

■ 224.4320,
-52.4710, -17.0419

■ 86.2890, -42.5405,
-75.6755

■ 236.8220,
-43.7892, -1.5979

■ 70.4400, -34.7269,
-61.7759

■ 246.1080,
-34.0702, 7.7983

■ 55.1780, -27.2028,
-48.3911

■ 249.4140,
-21.4031, 4.8989

■ 40.5030, -19.9680,
-35.5211

■ 252.8340, -8.2992,

■ 27.0020, -13.3120,

1.8996

-23.6808

■ 8.2180, -4.0515,
-7.2072

■ 0.0000, 0.0000,
0.0000

■ 169.0850,
-83.3589, -50.0635

■ 175.2950,
-75.0814, -44.9857

■ 181.5050,
-66.8040, -39.9079

■ 187.7150,
-58.5265, -34.8301

■ 193.9250,
-50.2490, -29.7522

■ 200.2490,
-41.5348, -24.7744

■ 206.1600,
-33.1099, -20.3113

■ 212.3700,
-24.8324, -15.2335

■ 218.5800,
-16.5549, -10.1557

■ 224.7900, -8.2775,
-5.0778

Harmonies

Analogous

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



188.4630, -92.9123, 27.6579



169.0850, -83.3589, -50.0635



156.8740, -13.2489, -137.5785

Triad

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



169.0850, -83.3589, -50.0635



165.8410, 43.9554, -145.4426



148.5350, 16.0052, 93.3698

Complementary

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



169.0850, -83.3589, -50.0635



61.9150, 83.3589, 50.0635

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.



171.0590, 41.3829, 73.6163



169.0850, -83.3589, -50.0635



150.5790, 51.4796, -132.0578

Square

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



169.0850, -83.3589, -50.0635



172.8850, 40.4827, -151.6201



197.0980, 28.5457, 37.6251



160.2390, -35.6138, 83.1054

Rectangle

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



169.0850, -83.3589, -50.0635



166.8600, 14.8590, -146.3362



197.0980, 28.5457, 37.6251



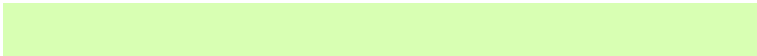
152.7700, 29.6934, 89.6557

Sweetspot

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



169.0850, -83.3589, -50.0635



234.6750, -27.4478, -16.3780



137.1610, -67.6204, 82.2968



115.5800, -16.5549, -10.1557



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



169.0850, -83.3589, -50.0635



186.7610, -92.0732, -55.0414



135.5970, -66.8493, -118.9186



111.8380, -4.3571, -2.4889



131.0860, -64.6254, -38.6634



37.4120, -18.4441, -10.8853

Inverse Universe

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



61.9150, 83.3589, 50.0635



68.2390, 92.0732, 55.0414



95.4030, 66.8493, 118.9186



106.1620, 4.3571, 2.4889



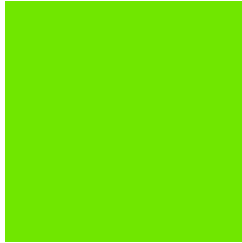
47.9140, 64.6254, 38.6634



13.5880, 18.4441, 10.8853

Previews

White Background



This preview shows how the YUV color 169.0850, -83.3589, -50.0635 looks on a white background.

Color Contrast Check

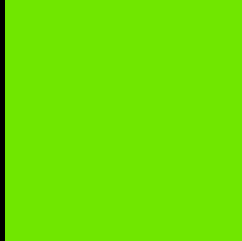
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 169.0850, -83.3589, -50.0635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

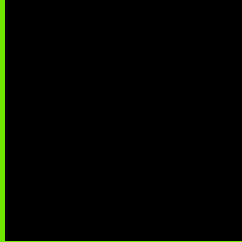
Any Text WCAG AA ✓ Pass

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](#).

YUV 169.0850, -83.3589, -50.0635 Background



This preview shows how black text looks on a background with the YUV color 169.0850, -83.3589, -50.0635.



This preview shows how white text looks on a background with the YUV color 169.0850, -83.3589, -50.0635.

-50.0635.

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

169.0850, -83.3589, -50.0635

Protanopia

187.6320, -92.5026, 36.2797

Deuteranopia

195.2360, -71.6013, 52.4130



Tritanopia

195.7090, 17.8915, -45.3488

Trichromacy



Original Color

169.0850, -83.3589, -50.0635

Protanomaly

180.6450, -89.0580, 4.6963

Deuteranomaly

185.8540, -75.8500, 15.0370

Tritanomaly

186.0670, -18.7670, -47.4168

Monochromacy



Original Color

169.0850, -83.3589, -50.0635

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.2680, -30.2051, -18.6520

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.0850, -83.3589, -50.0635 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(112, 231, 0)` looks like.

```
.text, #text, p{  
    color:rgb(112, 231, 0)  
}
```

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(112, 231, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 231, 0) }
```

Border

The CSS property to change the border of an element to YUV 169.0850, -83.3589, -50.0635 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(112, 231, 0) }
```


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

```
.border{ border-color:rgb(112, 231, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 231, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 231, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 231, 0);  
box-shadow:4px 4px 4px 4px rgb(112, 231,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 169.0850, -83.3589, -50.0635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 231, 0) }
```

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

```
.background{ background-color: rgb(112,  
231, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor