

Converting Colors

YUV(139.4490, -68.7484,
-69.6768)

Have a look what the booklet for
YUV(139.4490, -68.7484, -69.6768)
contains.

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Color

**YUV(139.4490, -68.7484,
-69.6768)**

Conversions

Conversions Part 1

Format	Color
Hex	3CCF00
RGB	60, 207, 0
RGB Percent	24%, 81%, 0%
CMY	0.7647, 0.1882, 1.0000
CMYK	0.71, 0.00, 1.00, 0.19
HSL	103°, 100%, 41%
HSV	103°, 100%, 81%
XYZ	24.1763, 45.5863, 7.5248
YIQ	139.4490, -21.1650, -95.5410

Conversions

Conversions Part 2

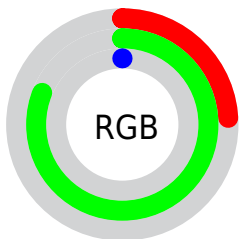
Format	Color
RYB	0, 207, 147
Decimal	3985152
CIELab	73.28, -68.01, 71.85
CIELCh	73, 98.933, 133.427
Yxy	45.5863, 0.3128, 0.5898
Android (android.graphics.Color)	4282175232 (0xFF3CCF00)
YUV	139.4490, -68.7484, -69.6768
Hunter-Lab	67.5176, -54.2397, 40.6545

Details

The YUV color **139.4490, -68.7484, -69.6768** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **67.5510, 68.7484, 69.6768**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.6040, -56.9928, -60.1657**, and **88.6370, -43.6980, -77.7346** is the 20% darker color. If you saturate the color by 10%, you get **139.4490, -68.7484, -69.6768**, and if you desaturate by 10%, it is **146.3280, -61.7867, -62.5547**.

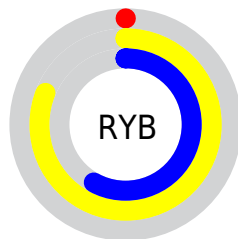
Distribution



Red (24%)

Green (81%)

Blue (0%)



Red (0%)

Yellow (81%)

Blue (58%)

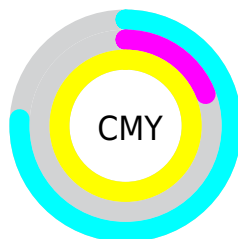


Cyan (71%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (76%)

Magenta (19%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.4490, -68.7484, -69.6768 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 139.4490, -68.7484, -69.6768 by changing the saturation by 10% instead.

■ 139.4490,
-68.7484, -69.6768

■ 139.4490,
-68.7484, -69.6768

■ 255.0000, 0.0000,
0.0000

■ 105.0730,
-51.8010, -92.1490

■ 197.6040,
-56.9928, -60.1657

■ 88.6370, -43.6980,
-77.7346

■ 210.4780,
-49.0427, -43.3922

■ 72.7880, -35.8845,
-63.8351

■ 222.7540,
-40.7977, -27.8483

■ 57.5260, -28.3603,
-50.4503

■ 235.3290,
-32.7002, -11.6895

■ 42.2640, -20.8362,
-37.0655

■ 247.9040,
-24.6027, 4.4692

■ 28.7630, -14.1802,
-25.2252

■ 251.8080,

■ 11.7400, -5.7878,

-12.2303, 2.7994

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 139.4490,
-68.7484, -69.6768

■ 146.3280,
-61.7867, -62.5547

■ 152.7940,
-55.1144, -55.9473

■ 159.6730,
-48.1528, -48.8252

■ 166.5520,
-41.1911, -41.7031

■ 173.1320,
-34.0821, -35.1958

■ 179.8970,
-27.5572, -27.9737

■ 186.7760,
-20.5956, -20.8516

■ 193.6550,
-13.6339, -13.7294

■ 200.1210, -6.9617,
-7.1221

Harmonies

Analogous

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



164.4640, -81.0808, 12.7481



139.4490, -68.7484, -69.6768



140.9280, -8.3455, -123.5939

Triad

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



139.4490, -68.7484, -69.6768



149.4050, 52.0583, -131.0282



129.0550, 7.3679, 110.4538

Complementary

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



139.4490, -68.7484, -69.6768



67.5510, 68.7484, 69.6768

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.



148.7070, 42.0494, 93.2190



139.4490, -68.7484, -69.6768



133.5560, 59.8719, -117.1286

Square

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



139.4490, -68.7484, -69.6768



156.4490, 48.5856, -137.2058



176.5090, 38.6961, 48.6656



147.0850, -45.3979, 94.6415

Rectangle

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



139.4490, -68.7484, -69.6768



149.9850, 18.7414, -131.5368



176.5090, 38.6961, 48.6656



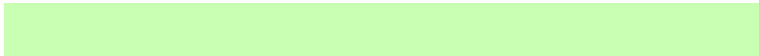
129.5400, 21.9188, 110.0284

Sweetspot

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



139.4490, -68.7484, -69.6768



230.1900, -25.2367, -25.5996



147.0080, -72.4749, 52.6130



112.8890, -15.2283, -15.6887



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.



139.4490, -68.7484, -69.6768



171.8110, -84.7028, -85.7802



126.1830, -41.9952, -110.6625



101.3540, -3.6255, -3.8185



113.2670, -55.8406, -56.3622



27.6550, -13.6339, -13.7294

Inverse Universe

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



67.5510, 68.7484, 69.6768



83.1890, 84.7028, 85.7802



80.8170, 41.9952, 110.6625



97.6460, 3.6255, 3.8185



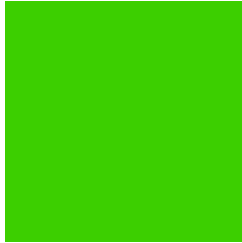
55.0320, 55.6932, 56.9769



13.3450, 13.6339, 13.7294

Previews

White Background



This preview shows how the YUV color 139.4490, -68.7484, -69.6768 looks on a white background.

Color Contrast Check

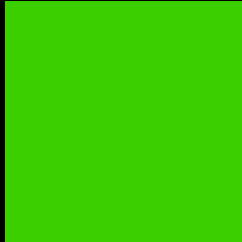
Large Text (above 18pt) WCAG AA × Fail

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 139.4490, -68.7484, -69.6768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

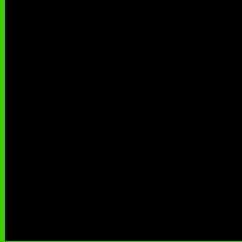
Any Text WCAG AA ✓ Pass

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 139.4490, -68.7484, -69.6768 Background



This preview shows how black text looks on a background with the YUV color 139.4490, -68.7484, -69.6768.



This preview shows how white text looks on a background with the YUV color 139.4490, -68.7484, -69.6768.

-69.6768.

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

165.1720, -81.4298, 31.4212

Deuteranopia

171.1950, -62.7071, 46.3100

Tritanopia

167.2130, 20.1080, -56.3148

Trichromacy



Protanomaly

155.7930, -76.8059, -5.0805

Deuteranomaly

159.6490, -64.9030, 3.8158

Tritanomaly

156.7000, -12.1771, -61.1269

Monochromacy



Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.1900, -25.2367, -25.5996

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.4490, -68.7484, -69.6768 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(60, 207, 0)` looks like.

```
.text, #text, p{  
    color:rgb(60, 207, 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(60, 207, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 207, 0) }
```

Border

The CSS property to change the border of an element to YUV 139.4490, -68.7484, -69.6768 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(60, 207, 0) }
```

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

```
.border{ border-color:rgb(60, 207, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 207, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 207, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 207, 0);  
box-shadow:4px 4px 4px 4px rgb(60, 207, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 139.4490, -68.7484, -69.6768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 207, 0) }
```

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

```
.background{ background-color: rgb(60, 207,  
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](#).

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