

Converting Colors

YUV(133.2690, -65.7016,
-66.8879)

Have a look what the booklet for
YUV(133.2690, -65.7016, -66.8879)
contains.

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Color

**YUV(133.2690, -65.7016,
-66.8879)**

Conversions

Conversions Part 1

Format	Color
Hex	39C600
RGB	57, 198, 0
RGB Percent	22%, 78%, 0%
CMY	0.7765, 0.2235, 1.0000
CMYK	0.71, 0.00, 1.00, 0.22
HSL	103°, 100%, 39%
HSV	103°, 100%, 78%
XYZ	21.8814, 41.2580, 6.8103
YIQ	133.2690, -20.4780, -91.4700

Conversions

Conversions Part 2

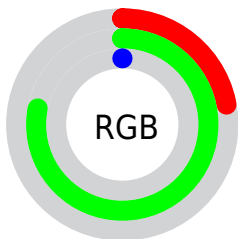
Format	Color
RYB	0, 198, 141
Decimal	3786240
CIELab	70.36, -65.78, 69.50
CIELCh	70, 95.696, 133.426
Yxy	41.2580, 0.3128, 0.5898
Android (android.graphics.Color)	4281976320 (0xFF39C600)
YUV	133.2690, -65.7016, -66.8879
Hunter-Lab	64.2324, -51.5989, 38.6764

Details

The YUV color **133.2690, -65.7016, -66.8879** 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 **64.7310, 65.7016, 66.8879**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.1800, -57.2767, -62.4249**, and **83.9410, -41.3829, -73.6163** is the 20% darker color. If you saturate the color by 10%, you get **133.2690, -65.7016, -66.8879**, and if you desaturate by 10%, it is **139.7350, -59.0294, -60.2806**.

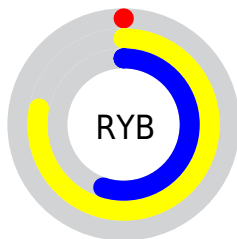
Distribution



Red (22%)

Green (78%)

Blue (0%)



Red (0%)

Yellow (78%)

Blue (55%)

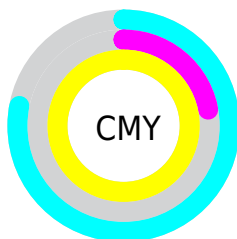


Cyan (71%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (78%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.2690, -65.7016, -66.8879 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 133.2690, -65.7016, -66.8879 by changing the saturation by 10% instead.

■ 133.2690,
-65.7016, -66.8879

■ 133.2690,
-65.7016, -66.8879

■ 255.0000, 0.0000,
0.0000

■ 99.7900, -49.1965,
-87.5158

■ 196.1800,
-57.2767, -62.4249

■ 83.9410, -41.3829,
-73.6163

■ 208.7550,
-49.1792, -46.2661

■ 68.0920, -33.5694,
-59.7167

■ 221.3300,
-41.0817, -30.1074

■ 52.8300, -26.0452,
-46.3319

■ 233.7910,
-33.4210, -13.8487

■ 38.1550, -18.8104,
-33.4619

■ 246.3660,
-25.3234, 2.3100

■ 24.0670, -11.8650,
-21.1068

■ 251.4660,

■ 1.1740, -0.5788,

-13.5407, 3.0993

-1.0296

254.8860, -0.4368,
0.1000

■ 0.0000, 0.0000,
0.0000

■ 133.2690,
-65.7016, -66.8879

■ 139.7350,
-59.0294, -60.2806

■ 146.2010,
-52.3571, -53.6733

■ 152.5530,
-46.1216, -46.9660

■ 159.0190,
-39.4494, -40.3587

■ 165.7840,
-32.9245, -33.1366

■ 172.2500,
-26.2523, -26.5293

■ 178.7160,
-19.5800, -19.9219

■ 185.0680,
-13.3445, -13.2146

■ 191.5340, -6.6723,
-6.6073

Harmonies

Analogous

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



157.0880, -77.4444, 13.0778



133.2690, -65.7016, -66.8879



135.0750, -7.9250, -118.4608

Triad

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



133.2690, -65.7016, -66.8879



144.1220, 54.6629, -126.3950



126.4960, 5.1785, 112.6980

Complementary

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



133.2690, -65.7016, -66.8879



64.7310, 65.7016, 66.8879

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.



145.2190, 38.8390, 96.2779



133.2690, -65.7016, -66.8879



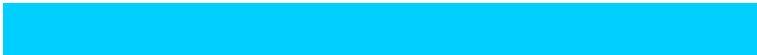
128.8600, 62.1870, -113.0102

Square

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



133.2690, -65.7016, -66.8879



150.5790, 51.4796, -132.0578



169.9970, 41.9065, 45.6066



143.8080, -45.2613, 97.5154

Rectangle

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



133.2690, -65.7016, -66.8879



143.2030, 18.1409, -125.5890



169.9970, 41.9065, 45.6066



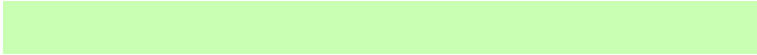
126.8670, 19.2926, 112.3726

Sweetspot

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



133.2690, -65.7016, -66.8879



230.1900, -25.2367, -25.5996



140.7950, -69.4119, 50.1688



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.



133.2690, -65.7016, -66.8879



171.5120, -84.5554, -86.3950



120.7860, -39.8275, -105.9293



95.8810, -2.8993, -3.4036



109.7340, -54.0989, -55.0177



24.1220, -11.8921, -12.3850

Inverse Universe

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



64.7310, 65.7016, 66.8879



83.4880, 84.5554, 86.3950



77.2140, 39.8275, 105.9293



93.1190, 2.8993, 3.4036



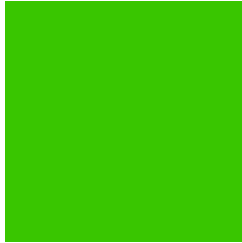
53.2660, 54.0989, 55.0177



11.5790, 12.0396, 11.7702

Previews

White Background



This preview shows how the YUV color 133.2690, -65.7016, -66.8879 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 133.2690, -65.7016, -66.8879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

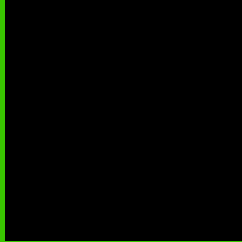
Any Text WCAG AA ✓ Pass

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 133.2690, -65.7016, -66.8879 Background



This preview shows how black text looks on a background with the YUV color 133.2690, -65.7016, -66.8879.



This preview shows how white text looks on a background with the YUV color 133.2690, -65.7016, -66.8879.

-66.8879.

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

133.2690, -65.7016, -66.8879

Protanopia

158.0840, -77.9354, 30.6213

Deuteranopia

164.1670, -60.2283, 44.5805



Tritanopia

159.9960, 19.2290, -54.3705

Trichromacy



Original Color

133.2690, -65.7016, -66.8879



Protanomaly

149.3030, -73.6064, -4.6507



Deuteranomaly

153.0450, -62.1402, 4.3455



Tritanomaly

150.2380, -11.4563, -58.9677

Monochromacy



Original Color

133.2690, -65.7016, -66.8879



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

133.2440, -23.7843, -24.7700

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.2690, -65.7016, -66.8879 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(57, 198, 0)` looks like.

```
.text, #text, p{  
    color:rgb(57, 198, 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(57, 198, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 198, 0) }
```

Border

The CSS property to change the border of an element to YUV 133.2690, -65.7016, -66.8879 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(57, 198, 0) }
```


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

```
.border{ border-color:rgb(57, 198, 0) }
```

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

Here you see how a box with a 4 pixel rgb(57, 198, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 198, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 198, 0);  
box-shadow:4px 4px 4px 4px rgb(57, 198, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 133.2690, -65.7016, -66.8879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 198, 0) }
```

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

```
.background{ background-color: rgb(57, 198,  
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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