

Converting Colors

YUV(169.0060, -16.7650,
-129.8013)

Have a look what the booklet for
YUV(169.0060, -16.7650, -129.8013)
contains.

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Color

**YUV(169.0060, -16.7650,
-129.8013)**

Conversions

Conversions Part 1

Format	Color
Hex	15FB87
RGB	21, 251, 135
RGB Percent	8%, 98%, 53%
CMY	0.9176, 0.0157, 0.4706
CMYK	0.92, 0.00, 0.46, 0.02
HSL	150°, 97%, 53%
HSV	150°, 92%, 98%
XYZ	39.1796, 70.9031, 34.5424
YIQ	169.0060, -99.8440, -84.8360

Conversions

Conversions Part 2

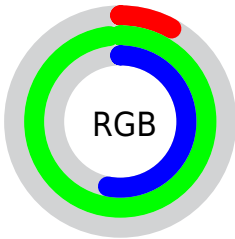
Format	Color
RYB	21, 175, 251
Decimal	1440647
CIELab	87.44, -73.74, 41.94
CIELCh	87, 84.829, 150.372
Yxy	70.9031, 0.2709, 0.4903
Android (android.graphics.Color)	4279630727 (0xFF15FB87)
YUV	169.0060, -16.7650, -129.8013
Hunter-Lab	84.2040, -64.3019, 34.6207

Details

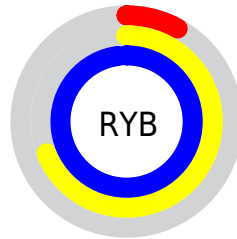
The YUV color **169.0060, -16.7650, -129.8013** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **102.9940, 16.7650, 129.8013**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.6270, -8.1971, -77.7259**, and **122.7530, -19.5982, -107.6544** is the 20% darker color. If you saturate the color by 10%, you get **161.4730, -18.4742, -141.6118**, and if you desaturate by 10%, it is **177.9630, -14.7718, -115.7316**.

Distribution



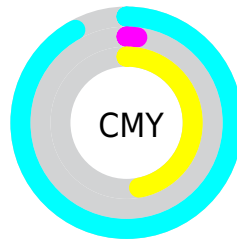
- Red (8%)
- Green (98%)
- Blue (53%)



- Red (8%)
- Yellow (69%)
- Blue (98%)



- Cyan (92%)
- Magenta (0%)
- Yellow (46%)
- Black (2%)



- Cyan (92%)
- Magenta (2%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.0060, -16.7650, -129.8013 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 169.0060, -16.7650, -129.8013 by changing the saturation by 10% instead.

169.0060,
-16.7650, -129.8013

169.0060,
-16.7650, -129.8013

255.0000, 0.0000,
0.0000

142.7400,
-16.6338, -125.1830

206.6270, -8.1971,
-77.7259

122.7530,
-19.5982, -107.6544

219.9850, -0.9786,
-59.6228

103.4670,
-22.4152, -90.7406

233.1580, 6.8241,
-42.2346

84.0670, -25.6690,
-73.7268

243.6380, 5.6015,
-23.3615

64.5700, -31.8330,
-56.6279

253.2060, 0.8844,
-3.6887

49.3080, -24.3088,
-43.2431

35.2200, -17.3635,

-30.8879

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,
0.0000

■ 169.0060,
-16.7650, -129.8013

■ 169.0060,
-16.7650, -129.8013


■ 161.4730,
-18.4742, -141.6118

■ 177.9630,
-14.7718, -115.7316

■ 186.8060,
-13.2154, -101.5619


■ 195.7630,
-11.2222, -87.4922

■ 204.7200, -9.2290,
-73.4224

 213.8620, -7.8200,
-58.6380

 222.8190, -5.8268,
-44.5683

 231.7760, -3.8336,
-30.4986

 240.6190, -2.2772,
-16.3289

 249.5760, -0.2840,
-2.2592

Harmonies

Analogous

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



200.1100, -67.5952, -19.3905



169.0060, -16.7650, -129.8013



174.5370, 21.4273, -153.0689

Triad

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



169.0060, -16.7650, -129.8013



162.9060, 45.4023, -142.8686



181.6570, -19.5509, 64.3218

Complementary

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



169.0060, -16.7650, -129.8013



102.9940, 16.7650, 129.8013

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.



183.7330, 18.8656, 62.5012



169.0060, -16.7650, -129.8013



210.1900, 22.0913, 7.7264

Square

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



169.0060, -16.7650, -129.8013



174.6460, 39.6145, -153.1645



199.8220, 27.2028, 48.3911



192.6890, -58.5137, 54.6467

Rectangle

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



169.0060, -16.7650, -129.8013



178.7550, 37.5888, -156.7681



199.8220, 27.2028, 48.3911



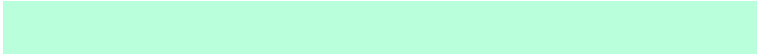
179.9250, -5.8790, 65.8408

Sweetspot

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



169.0060, -16.7650, -129.8013



230.3790, -5.1168, -38.9204



191.5910, -84.1014, -45.2453



113.3470, -3.1291, -23.1063



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.



169.0060, -16.7650, -129.8013



164.0490, -18.7582, -143.8710



181.7740, 32.1564, -140.9988



120.4290, -0.7045, -7.3922



121.6590, -13.6359, -106.6949



39.2270, -4.5489, -34.4021

Inverse Universe

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



102.9940, 16.7650, 129.8013



90.9510, 18.7582, 143.8710



90.2260, -32.1564, 140.9988



116.6850, 1.1413, 7.2923



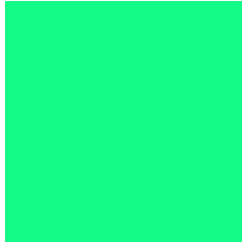
67.3410, 13.6359, 106.6949



21.7730, 4.5489, 34.4021

Previews

White Background



This preview shows how the YUV color 169.0060, -16.7650, -129.8013 looks on a white background.

Color Contrast Check

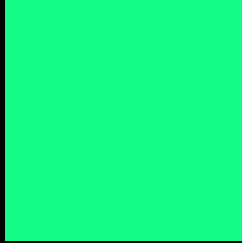
Large Text (above 18pt) WCAG AA × Fail

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 169.0060, -16.7650, -129.8013 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 169.0060, -16.7650, -129.8013 Background



This preview shows how black text looks on a background with the YUV color 169.0060, -16.7650, -129.8013.



This preview shows how white text looks on a background with the YUV color 169.0060, -16.7650, -129.8013.

-129.8013.

Color Blindness Simulation

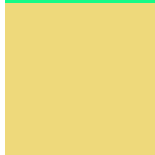
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

169.0060, -16.7650, -129.8013



Protanopia

212.5630, -44.1546, 22.3082



Deuteranopia

216.8260, -29.4942, 33.4786



Tritanopia

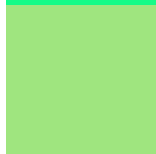
198.6980, 27.7569, -83.0501

Trichromacy



Original Color

169.0060, -16.7650, -129.8013



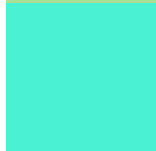
Protanomaly

196.4420, -34.2349, -32.8366



Deuteranomaly

199.3040, -24.7999, -25.6996



Tritanomaly

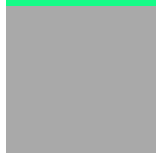
187.6470, 11.5130, -99.6684

Monochromacy



Original Color

169.0060, -16.7650, -129.8013



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.0960, -5.9633, -47.4422

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.0060, -16.7650, -129.8013 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(21, 251, 135)` looks like.

```
.text, #text, p{  
    color:rgb(21, 251, 135)  
}
```

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(21, 251, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 251, 135) }
```

Border

The CSS property to change the border of an element to YUV 169.0060, -16.7650, -129.8013 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(21, 251, 135) }
```


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

```
.border{ border-color:rgb(21, 251, 135) }
```

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

Here you see how a box with a 4 pixel rgb(21, 251, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 251, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 251, 135);  
box-shadow:4px 4px 4px 4px rgb(21, 251,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 169.0060, -16.7650, -129.8013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 251, 135) }
```

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

```
.background{ background-color: rgb(21, 251,  
135) }
```

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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