

Converting Colors

YUV(161.5530, -13.0906,
-141.6820)

Have a look what the booklet for
YUV(161.5530, -13.0906, -141.6820)
contains.

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Color

**YUV(161.5530, -13.0906,
-141.6820)**

Conversions

Conversions Part 1

Format	Color
Hex	00F987
RGB	0, 249, 135
RGB Percent	0%, 98%, 53%
CMY	1.0000, 0.0235, 0.4706
CMYK	1.00, 0.00, 0.46, 0.02
HSL	153°, 100%, 49%
HSV	153°, 100%, 98%
XYZ	38.2489, 69.5006, 34.3207
YIQ	161.5530, -111.8100, -88.2420

Conversions

Conversions Part 2

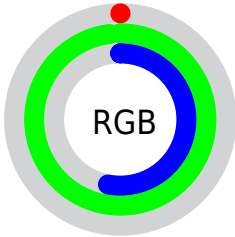
Format	Color
RYB	0, 161, 249
Decimal	63879
CIELab	86.75, -73.75, 41.05
CIELCh	87, 84.402, 150.901
Yxy	69.5006, 0.2692, 0.4892
Android (android.graphics.Color)	4278253959 (0xFF00F987)
YUV	161.5530, -13.0906, -141.6820
Hunter-Lab	83.3670, -63.9964, 33.9483

Details

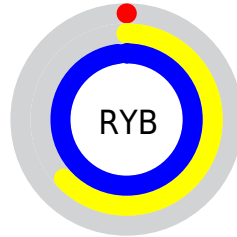
The YUV color **161.5530, -13.0906, -141.6820** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **87.4470, 13.0906, 141.6820**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4310, -7.6075, -80.1850**, and **121.5790, -19.0194, -106.6248** is the 20% darker color. If you saturate the color by 10%, you get **161.5530, -13.0906, -141.6820**, and if you desaturate by 10%, it is **170.2820, -11.9710, -127.4123**.

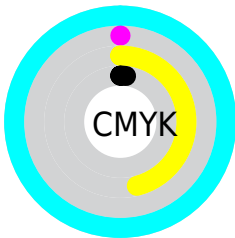
Distribution



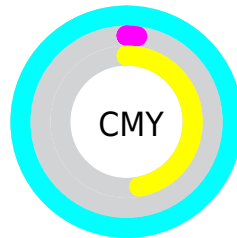
- Red (0%)
- Green (98%)
- Blue (53%)



- Red (0%)
- Yellow (63%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.5530, -13.0906, -141.6820 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 161.5530, -13.0906, -141.6820 by changing the saturation by 10% instead.

161.5530,
-13.0906, -141.6820

161.5530,
-13.0906, -141.6820

255.0000, 0.0000,
0.0000

141.5660,
-16.0550, -124.1534

205.4310, -7.6075,
-80.1850

121.5790,
-19.0194, -106.6248

218.7890, -0.3890,
-62.0820

102.2930,
-21.8364, -89.7110

231.9620, 7.4137,
-44.6937

82.8930, -25.0902,
-72.6972

242.4420, 6.1911,
-25.8206

63.5100, -30.8174,
-55.6983

252.3090, 1.3267,
-5.5330

48.1340, -23.7301,
-42.2135

34.0460, -16.7847,

-29.8583

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 161.5530,
-13.0906, -141.6820

■ 170.2820,
-11.9710, -127.4123

■ 179.1250,
-10.4146, -113.2426

■ 187.8540, -9.2950,
-98.9730

■ 196.6970, -7.7386,
-84.8033

■ 205.4260, -6.6190,
-70.5336

■ 213.8560, -5.3520,
-56.8787

■ 222.6990, -3.7956,
-42.7090

■ 231.4280, -2.6760,
-28.4394

■ 240.2710, -1.1196,
-14.2697

Harmonies

Analogous

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



197.8540, -65.9900, -20.9200



161.5530, -13.0906, -141.6820



174.4230, 20.9905, -152.9690

Triad

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



161.5530, -13.0906, -141.6820



161.7320, 45.9811, -141.8390



180.8420, -20.1351, 65.0366

Complementary

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



161.5530, -13.0906, -141.6820



87.4470, 13.0906, 141.6820

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.



182.1030, 17.6972, 63.9307



161.5530, -13.0906, -141.6820



209.0160, 22.6701, 8.7560

Square

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



161.5530, -13.0906, -141.6820



172.8850, 40.4827, -151.6201



198.6480, 27.7815, 49.4207



191.8740, -59.0979, 55.3615

Rectangle

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



161.5530, -13.0906, -141.6820



178.7550, 37.5888, -156.7681



198.6480, 27.7815, 49.4207



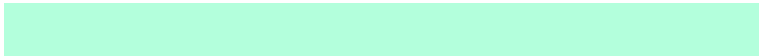
178.9960, -6.9000, 66.6555

Sweetspot

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



161.5530, -13.0906, -141.6820



228.2860, -4.0850, -43.2238



180.8470, -89.1576, -56.8708



111.7380, -2.8288, -26.0802



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.



161.5530, -13.0906, -141.6820



165.4170, -13.5166, -145.0707



169.8530, 39.0195, -148.9611



120.4290, -0.7045, -7.3922



122.5710, -10.1415, -107.4948



39.5690, -3.2385, -34.7020

Inverse Universe

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



87.4470, 13.0906, 141.6820



89.5830, 13.5166, 145.0707



79.1470, -39.0195, 148.9611



116.5710, 0.7045, 7.3922



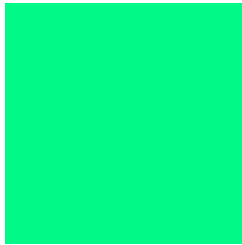
66.3150, 9.7047, 107.5947



21.4310, 3.2385, 34.7020

Previews

White Background



This preview shows how the YUV color 161.5530, -13.0906, -141.6820 looks on a white background.

Color Contrast Check

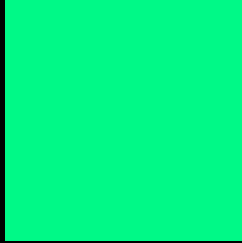
Large Text (above 18pt) WCAG AA × Fail

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 161.5530, -13.0906, -141.6820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

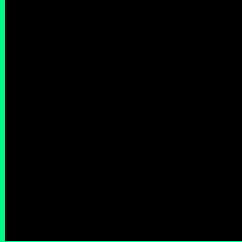
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

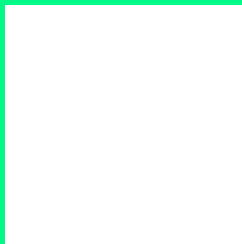
Any Text WCAG AAA ✓ Pass

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

YUV 161.5530, -13.0906, -141.6820 Background



This preview shows how black text looks on a background with the YUV color 161.5530, -13.0906, -141.6820.

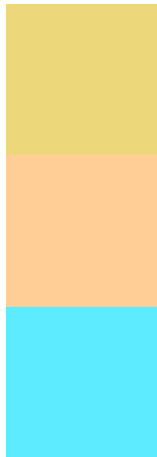


This preview shows how white text looks on a background with the YUV color 161.5530, -13.0906, -141.6820.

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

210.7910, -43.2810, 22.1083

Deuteranopia

214.3810, -31.2468, 35.6229

Tritanopia

194.8220, 29.6678, -89.2979

Trichromacy



Protanomaly

192.5770, -32.3295, -37.3400

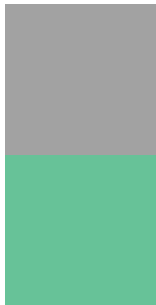
Deuteranomaly

195.2820, -24.7890, -29.1883

Tritanomaly

182.5750, 14.0135, -108.3753

Monochromacy



Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.0030, -4.9315, -51.7456

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.5530, -13.0906, -141.6820 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, 249, 135)` looks like.

```
.text, #text, p{  
    color:rgb(0, 249, 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(0, 249, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 249, 135) }
```

Border

The CSS property to change the border of an element to YUV 161.5530, -13.0906, -141.6820 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, 249, 135) }
```

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

```
.border{ border-color:rgb(0, 249, 135) }
```

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

Here you see how a box with a 4 pixel rgb(0, 249, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 249, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 249, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 249,  
135) }
```


Background

The CSS property to change the background color of an element to YUV 161.5530, -13.0906, -141.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 249, 135) }
```

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

```
.background{ background-color: rgb(0, 249,  
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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