

Converting Colors

YUV(167.4930, -28.8370,
-131.1054)

Have a look what the booklet for
YUV(167.4930, -28.8370, -131.1054)
contains.

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Color

**YUV(167.4930, -28.8370,
-131.1054)**

Conversions

Conversions Part 1

Format	Color
Hex	12FF6D
RGB	18, 255, 109
RGB Percent	7%, 100%, 43%
CMY	0.9294, 0.0000, 0.5725
CMYK	0.93, 0.00, 0.57, 0.00
HSL	143°, 100%, 54%
HSV	143°, 93%, 100%
XYZ	38.7698, 72.7527, 26.4673
YIQ	167.4930, -94.3860, -95.6500

Conversions

Conversions Part 2

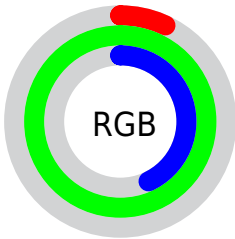
Format	Color
R_{YB}	18, 189, 255
Decimal	1245037
CIE Lab	88.33, -78.88, 55.06
CIE LCh	88, 96.199, 145.085
Yxy	72.7527, 0.2810, 0.5272
Android (android.graphics.Color)	4279435117 (0xFF12FF6D)
YUV	167.4930, -28.8370, -131.1054
Hunter-Lab	85.2952, -68.1319, 41.3088

Details

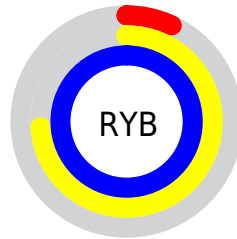
The YUV color **167.4930, -28.8370, -131.1054** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark washed spring green. A complement of this color would be **105.5070, 28.8370, 131.1054**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9620, -19.7013, -74.5117**, and **121.2080, -33.1335, -106.2994** is the 20% darker color. If you saturate the color by 10%, you get **160.8570, -30.9885, -141.0716**, and if you desaturate by 10%, it is **177.0910, -25.6809, -116.7208**.

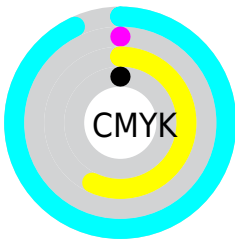
Distribution



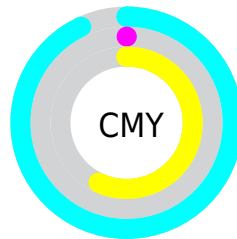
- Red (7%)
- Green (100%)
- Blue (43%)



- Red (7%)
- Yellow (74%)
- Blue (100%)



- Cyan (93%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)



- Cyan (93%)
- Magenta (0%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.4930, -28.8370, -131.1054 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 167.4930, -28.8370, -131.1054 by changing the saturation by 10% instead.

■ 167.4930,
-28.8370, -131.1054

■ 167.4930,
-28.8370, -131.1054

■ 255.0000, 0.0000,
0.0000

■ 141.4230,
-29.2955, -124.0280

■ 203.9620,
-19.7013, -74.5117

■ 121.2080,
-33.1335, -106.2994

■ 217.6190,
-12.6302, -55.7939

■ 101.2380,
-38.5713, -88.7857

■ 230.7920, -4.8275,
-38.4056

■ 82.1800, -40.5147,
-72.0719

■ 243.6660, 3.1227,
-21.6321

■ 66.3310, -32.7012,
-58.1723

■ 253.8040, 0.5896,
-2.4591

■ 51.0690, -25.1770,
-44.7875

■ 36.3940, -17.9422,

-31.9175

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 167.4930,
-28.8370, -131.1054

■ 167.4930,
-28.8370, -131.1054

■ 160.8570,
-30.9885, -141.0716

■ 177.0910,
-25.6809, -116.7208

■ 186.2760,
-22.8141, -102.8511

■ 195.8740,
-19.6579, -88.4665

■ 205.1730,
-16.3543, -74.6967

■ 214.7710,
-13.1981, -60.3122

■ 223.9560,
-10.3313, -46.4424

■ 233.5540, -7.1751,
-32.0579

■ 242.8530, -3.8715,
-18.2881

■ 252.3370, -1.1521,
-3.8035

Harmonies

Analogous

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



197.1030, -97.1718, -6.2293



167.4930, -28.8370, -131.1054



172.8270, 14.8753, -151.5693

Triad

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



167.4930, -28.8370, -131.1054



168.1890, 42.7978, -147.5018



172.0030, -10.8475, 72.7884

Complementary

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



167.4930, -28.8370, -131.1054



105.5070, 28.8370, 131.1054

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.



177.0940, 31.5057, 68.3236



167.4930, -28.8370, -131.1054



204.7310, 24.7826, -15.5501

Square

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



167.4930, -28.8370, -131.1054



178.7550, 37.5888, -156.7681



199.2350, 27.4921, 48.9059



185.9070, -59.1142, 60.5946

Rectangle

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



167.4930, -28.8370, -131.1054



178.7550, 37.5888, -156.7681



199.2350, 27.4921, 48.9059



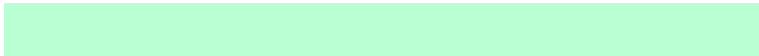
170.6130, 4.1348, 74.0074

Sweetspot

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



167.4930, -28.8370, -131.1054



228.7550, -8.7532, -39.2501



200.7730, -90.1071, -32.2499



111.7660, -5.3076, -24.3508



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.



167.4930, -28.8370, -131.1054



160.8570, -30.9885, -141.0716



180.9450, 22.7051, -142.9028



123.2010, -1.5781, -7.1923



120.4390, -23.3874, -105.6250



40.3040, -8.0379, -35.3466

Inverse Universe

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



105.5070, 28.8370, 131.1054



94.1430, 30.9885, 141.0716



92.0550, -22.7051, 142.9028



119.7990, 1.5781, 7.1923



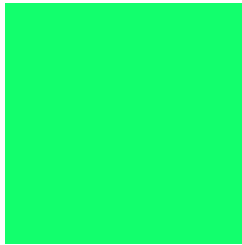
70.5610, 23.3874, 105.6250



23.5820, 7.6011, 35.4466

Previews

White Background



This preview shows how the YUV color 167.4930, -28.8370, -131.1054 looks on a white background.

Color Contrast Check

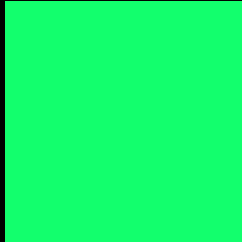
Large Text (above 18pt) WCAG AA × Fail

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 167.4930, -28.8370, -131.1054 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 167.4930, -28.8370, -131.1054 Background



This preview shows how black text looks on a background with the YUV color 167.4930, -28.8370, -131.1054.



This preview shows how white text looks on a background with the YUV color 167.4930, -28.8370, -131.1054.

Color Blindness Simulation

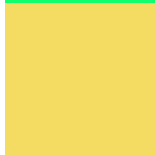
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

167.4930, -28.8370, -131.1054



Protanopia

213.2680, -56.8271, 26.9520



Deuteranopia

218.7010, -29.9256, 31.8342



Tritanopia

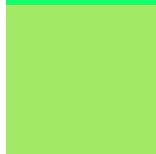
204.3680, 24.9616, -73.1137

Trichromacy



Original Color

167.4930, -28.8370, -131.1054



Protanomaly

196.8370, -46.7546, -30.5520



Deuteranomaly

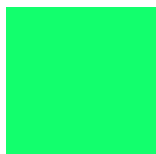
200.3270, -29.7412, -27.4738



Tritanomaly

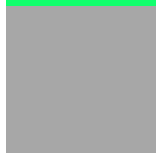
191.3720, 5.2396, -94.1652

Monochromacy



Original Color

167.4930, -28.8370, -131.1054



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

167.2440, -10.4733, -47.5720

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.4930, -28.8370, -131.1054 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(18, 255, 109)` looks like.

```
.text, #text, p{  
    color:rgb(18, 255, 109)  
}
```

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(18, 255, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 255, 109) }
```

Border

The CSS property to change the border of an element to YUV 167.4930, -28.8370, -131.1054 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(18, 255, 109) }
```


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

```
.border{ border-color:rgb(18, 255, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 255, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 255, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 255, 109);  
box-shadow:4px 4px 4px 4px rgb(18, 255,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 167.4930, -28.8370, -131.1054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 255, 109) }
```

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

```
.background{ background-color: rgb(18, 255,  
109) }
```

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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