

Converting Colors

YUV(154.1890, -31.1522,
-135.2238)

Have a look what the booklet for
YUV(154.1890, -31.1522, -135.2238)
contains.

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Color

**YUV(154.1890, -31.1522,
-135.2238)**

Conversions

Conversions Part 1

Format	Color
Hex	00F55B
RGB	0, 245, 91
RGB Percent	0%, 96%, 36%
CMY	1.0000, 0.0392, 0.6431
CMYK	1.00, 0.00, 0.63, 0.04
HSL	142°, 100%, 48%
HSV	142°, 100%, 96%
XYZ	34.5407, 66.0601, 20.8279
YIQ	154.1890, -96.5860, -99.8340

Conversions

Conversions Part 2

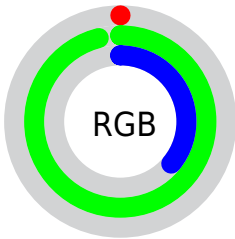
Format	Color
RYB	0, 179, 245
Decimal	62811
CIELab	85.03, -78.65, 58.95
CIELCh	85, 98.292, 143.150
Yxy	66.0601, 0.2845, 0.5440
Android (android.graphics.Color)	4278252891 (0xFF00F55B)
YUV	154.1890, -31.1522, -135.2238
Hunter-Lab	81.2774, -66.3777, 41.7007

Details

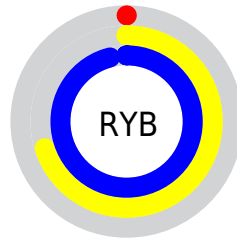
The YUV color **154.1890, -31.1522, -135.2238** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **90.8110, 31.1522, 135.2238**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.4150, -26.8266, -75.7860**, and **113.4170, -40.1386, -99.4667** is the 20% darker color. If you saturate the color by 10%, you get **154.1890, -31.1522, -135.2238**, and if you desaturate by 10%, it is **163.0750, -28.1380, -121.9688**.

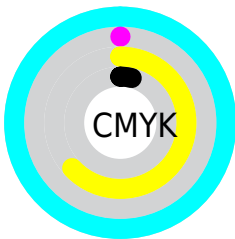
Distribution



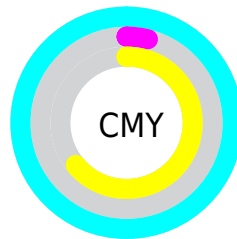
- Red (0%)
- Green (96%)
- Blue (36%)



- Red (0%)
- Yellow (70%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.1890, -31.1522, -135.2238 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 154.1890, -31.1522, -135.2238 by changing the saturation by 10% instead.

154.1890,
-31.1522, -135.2238

154.1890,
-31.1522, -135.2238

255.0000, 0.0000,
0.0000

133.9740,
-34.9902, -117.4952

200.4150,
-26.8266, -75.7860

113.4170,
-40.1386, -99.4667

214.0720,
-19.7555, -57.0681

93.3330, -46.0132,
-81.8530

227.2450,
-11.9528, -39.6799

76.8970, -37.9102,
-67.4387

240.1190, -4.0027,
-22.9064

61.0480, -30.0967,
-53.5391

252.3090, 1.3267,
-5.5330

45.7860, -22.5725,
-40.1543

31.1110, -15.3377,

-27.2843

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 154.1890,
-31.1522, -135.2238

■ 163.0750,
-28.1380, -121.9688

■ 172.3740,
-24.8344, -108.1990

■ 181.5590,
-21.9676, -94.3292

■ 190.5590,
-18.5166, -81.1742

■ 199.7440,
-15.6498, -67.3045

■ 208.6300,
-12.6356, -54.0495

■ 217.6300, -9.1846,
-40.8945

■ 226.8150, -6.3178,
-27.0248

■ 236.1140, -3.0142,
-13.2550

Harmonies

Analogous

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



189.7380, -93.5408, -4.1552



154.1890, -31.1522, -135.2238



169.8290, 8.4653, -148.9400

Triad

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



154.1890, -31.1522, -135.2238



164.0800, 44.8236, -143.8982



162.0410, -8.4012, 81.5250

Complementary

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



154.1890, -31.1522, -135.2238



90.8110, 31.1522, 135.2238

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.



168.5340, 34.2467, 75.8307



154.1890, -31.1522, -135.2238



192.5490, 30.7883, -28.5455

Square

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



154.1890, -31.1522, -135.2238



174.6460, 39.6145, -153.1645



193.9520, 30.0967, 53.5391



176.7770, -58.5571, 68.6016

Rectangle

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



154.1890, -31.1522, -135.2238



177.8260, 36.5678, -155.9534



193.9520, 30.0967, 53.5391



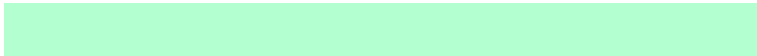
160.8790, 7.4547, 82.5441

Sweetspot

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



154.1890, -31.1522, -135.2238



226.8040, -9.7634, -41.9241



190.1600, -93.7489, -30.8353



110.9400, -5.8864, -25.3804



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.



154.1890, -31.1522, -135.2238



160.5150, -32.2989, -140.7717



167.9830, 21.7004, -147.3211



117.6140, -1.2887, -6.6775



117.0480, -23.6877, -102.6511



37.1410, -7.4645, -32.5727

Inverse Universe

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



90.8110, 31.1522, 135.2238



94.4850, 32.2989, 140.7717



77.0170, -21.7004, 147.3211



114.5000, 1.7255, 6.5775



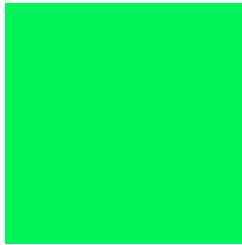
68.9520, 23.6877, 102.6511



21.8590, 7.4645, 32.5727

Previews

White Background



This preview shows how the YUV color 154.1890, -31.1522, -135.2238 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 154.1890, -31.1522, -135.2238 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 154.1890, -31.1522, -135.2238 Background



This preview shows how black text looks on a background with the YUV color 154.1890, -31.1522, -135.2238.



This preview shows how white text looks on a background with the YUV color 154.1890, -31.1522, -135.2238.

-135.2238.

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

203.3560, -60.3215, 27.7518

Deuteranopia

207.7980, -43.7774, 41.3962

Tritanopia

191.9970, 27.6095, -82.4354

Trichromacy



Protanomaly

185.4410, -49.5174, -31.0818

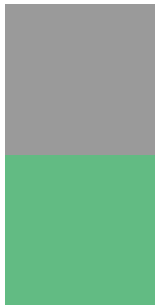
Deuteranomaly

188.2430, -39.0668, -23.0151

Tritanomaly

178.2570, 6.2823, -101.9574

Monochromacy



Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0050, -11.3415, -49.1164

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.1890, -31.1522, -135.2238 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, 245, 91)` looks like.

```
.text, #text, p{  
    color:rgb(0, 245, 91)  
}
```

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, 245, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 245, 91) }
```

Border

The CSS property to change the border of an element to YUV 154.1890, -31.1522, -135.2238 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, 245, 91) }
```

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

```
.border{ border-color:rgb(0, 245, 91) }
```

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

Here you see how a box with a 4 pixel rgb(0, 245, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 245, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 245, 91);  
box-shadow:4px 4px 4px 4px rgb(0, 245, 91)  
}
```


Background

The CSS property to change the background color of an element to YUV 154.1890, -31.1522, -135.2238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 245, 91) }
```

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

```
.background{ background-color: rgb(0, 245,  
91) }
```

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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