

Converting Colors

YUV(154.0170, -57.1964,
-135.0729)

Have a look what the booklet for
YUV(154.0170, -57.1964, -135.0729)
contains.

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Color

**YUV(154.0170, -57.1964,
-135.0729)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF26
RGB	0, 255, 38
RGB Percent	0%, 100%, 15%
CMY	1.0000, 0.0000, 0.8510
CMYK	1.00, 0.00, 0.85, 0.00
HSL	129°, 100%, 50%
HSV	129°, 100%, 100%
XYZ	36.1099, 71.6599, 13.7623
YIQ	154.0170, -82.3230, -121.5470

Conversions

Conversions Part 2

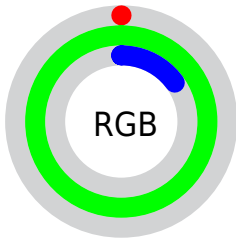
Format	Color
RYB	0, 222, 255
Decimal	65318
CIELab	87.80, -85.30, 78.60
CIELCh	88, 115.996, 137.341
Yxy	71.6599, 0.2971, 0.5896
Android (android.graphics.Color)	4278255398 (0xFF00FF26)
YUV	154.0170, -57.1964, -135.0729
Hunter-Lab	84.6522, -71.9991, 49.6175

Details

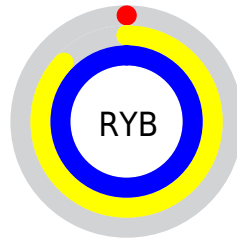
The YUV color **154.0170, -57.1964, -135.0729** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **100.9830, 57.1964, 135.0729**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.3500, -45.0355, -68.7129**, and **115.0520, -56.7206, -100.9006** is the 20% darker color. If you saturate the color by 10%, you get **154.0170, -57.1964, -135.0729**, and if you desaturate by 10%, it is **164.0000, -51.2720, -121.9030**.

Distribution



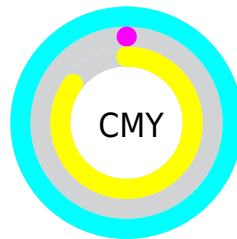
- Red (0%)
- Green (100%)
- Blue (15%)



- Red (0%)
- Yellow (87%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (85%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.0170, -57.1964, -135.0729 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 154.0170, -57.1964, -135.0729 by changing the saturation by 10% instead.

■ 154.0170,
-57.1964, -135.0729

■ 154.0170,
-57.1964, -135.0729

■ 255.0000, 0.0000,
0.0000

■ 132.0750,
-65.1130, -115.8298

■ 197.3500,
-45.0355, -68.7129

■ 115.0520,
-56.7206, -100.9006

■ 211.4200,
-37.6751, -49.4803

■ 98.6160, -48.6177,
-86.4862

■ 224.7070,
-29.4356, -32.1920

■ 82.1800, -40.5147,
-72.0719

■ 237.8800,
-21.6328, -14.8038

■ 66.3310, -32.7012,
-58.1723

■ 251.1670,
-13.3933, 2.4845

■ 50.4820, -24.8876,
-44.2727

■ 254.8860, -0.4368,

■ 35.8070, -17.6529,

0.1000

-31.4027

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 154.0170,
-57.1964, -135.0729

■ 164.0000,
-51.2720, -121.9030

■ 174.1680,
-45.9318, -108.0183

■ 184.4500,
-40.1548, -94.2336

■ 194.4330,
-34.2305, -81.0637

■ 204.7150,
-28.4535, -67.2791

■ 214.5840,
-22.9659, -54.0092

■ 224.8660,
-17.1889, -40.2245

■ 234.8490,
-11.2646, -27.0546

■ 245.0170, -5.9244,
-13.1699

Harmonies

Analogous

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



199.2400, -98.2253, 5.0515



154.0170, -57.1964, -135.0729



168.8370, -0.4126, -148.0700

Triad

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



154.0170, -57.1964, -135.0729



174.0590, 39.9039, -152.6497



141.6730, 10.0212, 99.3878

Complementary

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



154.0170, -57.1964, -135.0729



100.9830, 57.1964, 135.0729

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.



156.3840, 48.6177, 86.4862



154.0170, -57.1964, -135.0729



160.0920, 46.7896, -121.1067

Square

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



154.0170, -57.1964, -135.0729



178.7550, 37.5888, -156.7681



196.3000, 28.9391, 51.4799



166.0000, -56.6950, 78.0530

Rectangle

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



154.0170, -57.1964, -135.0729



177.6150, 33.2208, -155.7684



196.3000, 28.9391, 51.4799



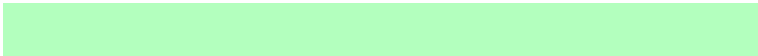
138.7330, 29.2186, 101.9662

Sweetspot

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



154.0170, -57.1964, -135.0729



224.8660, -17.1889, -40.2245



215.7640, -106.3717, 4.5920



109.6860, -10.6912, -24.2806



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.



154.0170, -57.1964, -135.0729



168.1530, -3.0334, -147.4702



122.8590, -2.8885, -6.8923



115.3090, -43.0433, -101.1260



38.5940, -14.5898, -33.8469

Inverse Universe

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



100.9830, 57.1964, 135.0729



86.9610, 3.4702, 147.3702



120.1410, 2.8885, 6.8923



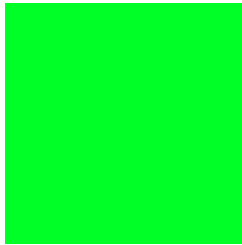
75.6910, 43.0433, 101.1260



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 154.0170, -57.1964, -135.0729 looks on a white background.

Color Contrast Check

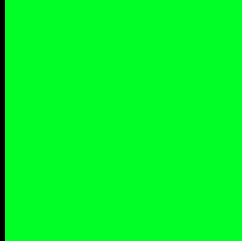
Large Text (above 18pt) WCAG AA × Fail

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 154.0170, -57.1964, -135.0729 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

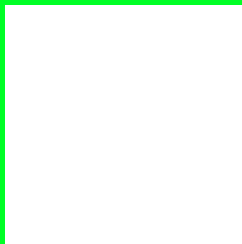
Any Text WCAG AAA ✓ Pass

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

YUV 154.0170, -57.1964, -135.0729 Background



This preview shows how black text looks on a background with the YUV color 154.0170, -57.1964, -135.0729.



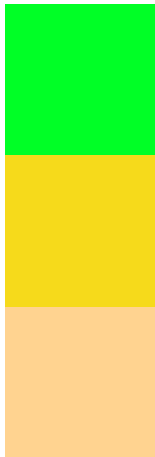
This preview shows how white text looks on a background with the YUV color 154.0170, -57.1964, -135.0729.

-135.0729.

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

154.0170, -57.1964, -135.0729

Protanopia

204.5980, -87.5558, 36.3096

Deuteranopia

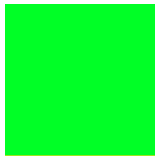
216.5180, -35.7514, 33.7487



Tritanopia

201.6880, 26.2828, -76.9024

Trichromacy



Original Color

154.0170, -57.1964, -135.0729



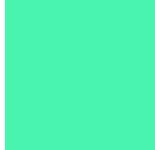
Protanomaly

186.0740, -76.4515, -25.4979



Deuteranomaly

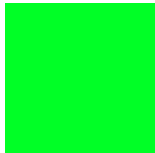
193.6570, -43.7079, -27.7632



Tritanomaly

184.5320, -4.2063, -97.8136

Monochromacy



Original Color

154.0170, -57.1964, -135.0729



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

154.1870, -20.7982, -49.2760

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.0170, -57.1964, -135.0729 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, 255, 38)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 38)  
}
```

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, 255, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 38) }
```

Border

The CSS property to change the border of an element to YUV 154.0170, -57.1964, -135.0729 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, 255, 38) }
```

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

```
.border{ border-color:rgb(0, 255, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 38);  
box-shadow:4px 4px 4px 4px rgb(0, 255, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 154.0170, -57.1964, -135.0729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 38) }
```

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

```
.background{ background-color: rgb(0, 255,  
38) }
```

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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