

Converting Colors

YUV(147.5770, -56.4865,
-129.4250)

Have a look what the booklet for
YUV(147.5770, -56.4865, -129.4250)
contains.

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Color

**YUV(147.5770, -56.4865,
-129.4250)**

Conversions

Conversions Part 1

Format	Color
Hex	00F521
RGB	0, 245, 33
RGB Percent	0%, 96%, 13%
CMY	1.0000, 0.0392, 0.8706
CMYK	1.00, 0.00, 0.87, 0.04
HSL	128°, 100%, 48%
HSV	128°, 100%, 96%
XYZ	32.9269, 65.4146, 12.3297
YIQ	147.5770, -77.9680, -117.8720

Conversions

Conversions Part 2

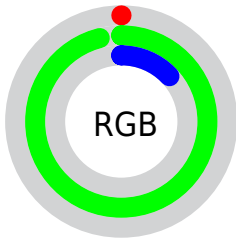
Format	Color
RYB	0, 216, 245
Decimal	62753
CIELab	84.70, -82.88, 76.86
CIELCh	85, 113.028, 137.159
Yxy	65.4146, 0.2975, 0.5911
Android (android.graphics.Color)	4278252833 (0xFF00F521)
YUV	147.5770, -56.4865, -129.4250
Hunter-Lab	80.8793, -68.8693, 47.5770

Details

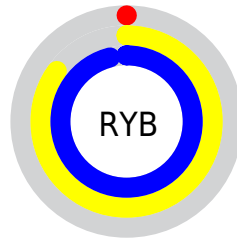
The YUV color **147.5770, -56.4865, -129.4250** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **97.4230, 56.4865, 129.4250**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.1820, -46.9247, -69.4426**, and **109.7690, -54.1161, -96.2674** is the 20% darker color. If you saturate the color by 10%, you get **147.5770, -56.4865, -129.4250**, and if you desaturate by 10%, it is **157.1470, -50.8515, -116.7699**.

Distribution



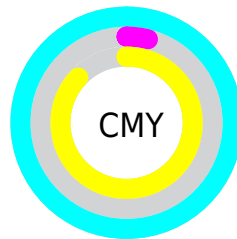
- Red (0%)
- Green (96%)
- Blue (13%)



- Red (0%)
- Yellow (85%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (87%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.5770, -56.4865, -129.4250 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 147.5770, -56.4865, -129.4250 by changing the saturation by 10% instead.

■ 147.5770,
-56.4865, -129.4250

■ 147.5770,
-56.4865, -129.4250

■ 255.0000, 0.0000,
0.0000

■ 126.7920,
-62.5085, -111.1966

■ 196.1820,
-46.9247, -69.4426

■ 109.7690,
-54.1161, -96.2674

■ 210.0670,
-38.9800, -50.9248

■ 93.3330, -46.0132,
-81.8530

■ 223.2400,
-31.1773, -33.5365

■ 76.8970, -37.9102,
-67.4387

■ 236.4130,
-23.3746, -16.1482

■ 61.0480, -30.0967,
-53.5391

■ 249.4010,
-14.9877, 0.5253

■ 45.7860, -22.5725,
-40.1543

■ 254.3160, -2.6208,

■ 30.5240, -15.0483,

0.5999

-26.7695

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 147.5770,
-56.4865, -129.4250

■ 157.1470,
-50.8515, -116.7699

■ 167.0160,
-45.3639, -103.5000

■ 176.9990,
-39.4395, -90.3301

■ 186.5690,
-33.8045, -77.6750

■ 196.4380,
-28.3169, -64.4051

■ 206.0080,
-22.6819, -51.7500

■ 215.5780,
-17.0470, -39.0949

■ 225.5610,
-11.1226, -25.9250

■ 235.4300, -5.6350,
-12.6551

Harmonies

Analogous

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



190.9780, -94.1522, 5.2813



147.5770, -56.4865, -129.4250



167.3380, -3.6176, -146.7554

Triad

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



147.5770, -56.4865, -129.4250



168.7760, 42.5084, -148.0166



137.4670, 9.1368, 103.0764

Complementary

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



147.5770, -56.4865, -129.4250



97.4230, 56.4865, 129.4250

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.



153.4490, 50.0646, 89.0602



147.5770, -56.4865, -129.4250



148.8180, 52.3477, -130.5134

Square

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



147.5770, -56.4865, -129.4250



177.5810, 38.1676, -155.7385



192.1910, 30.9648, 55.0835



162.2500, -55.8323, 81.3418

Rectangle

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



147.5770, -56.4865, -129.4250



176.4750, 28.8528, -154.7686



192.1910, 30.9648, 55.0835



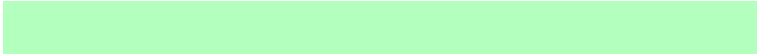
135.0000, 27.6080, 105.2400

Sweetspot

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



147.5770, -56.4865, -129.4250



224.7520, -17.6257, -40.1245



207.2030, -102.1511, 4.2070



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.



147.5770, -56.4865, -129.4250



153.5610, -58.9436, -134.6730



161.4850, -3.1971, -141.6223



117.2720, -2.5991, -6.3775



112.0320, -42.9068, -98.2521



35.5450, -13.5797, -31.1730

Inverse Universe

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



97.4230, 56.4865, 129.4250



101.4390, 58.9436, 134.6730



83.5150, 3.1971, 141.6223



114.8420, 3.0359, 6.2776



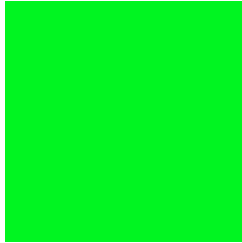
73.9680, 42.9068, 98.2521



23.4550, 13.5797, 31.1730

Previews

White Background



This preview shows how the YUV color 147.5770, -56.4865, -129.4250 looks on a white background.

Color Contrast Check

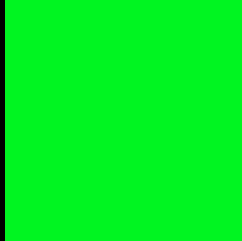
Large Text (above 18pt) WCAG AA × Fail

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 147.5770, -56.4865, -129.4250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

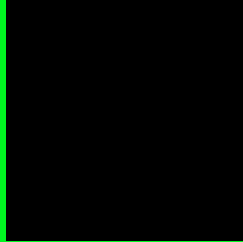
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

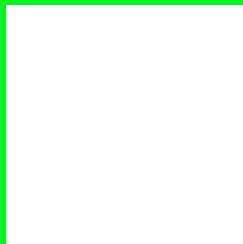
Any Text WCAG AAA ✓ Pass

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

YUV 147.5770, -56.4865, -129.4250 Background



This preview shows how black text looks on a background with the YUV color 147.5770, -56.4865, -129.4250.



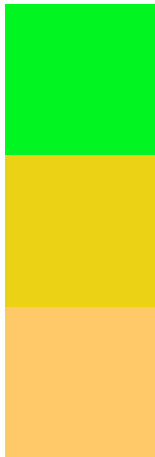
This preview shows how white text looks on a background with the YUV color 147.5770, -56.4865, -129.4250.

-129.4250.

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

147.5770, -56.4865, -129.4250

Protanopia

196.2280, -86.3874, 34.8800

Deuteranopia

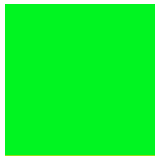
205.5010, -50.0400, 43.4106



Tritanopia

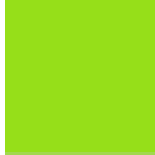
192.3780, 26.4356, -79.2615

Trichromacy



Original Color

147.5770, -56.4865, -129.4250



Protanomaly

178.6010, -75.7253, -25.0831



Deuteranomaly

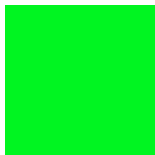
184.1220, -52.3181, -19.4010



Tritanomaly

176.0590, -3.4801, -97.3987

Monochromacy



Original Color

147.5770, -56.4865, -129.4250



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

147.6110, -20.5142, -47.0168

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.5770, -56.4865, -129.4250 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, 33)` looks like.

```
.text, #text, p{  
    color:rgb(0, 245, 33)  
}
```

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, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 245, 33) }
```

Border

The CSS property to change the border of an element to YUV 147.5770, -56.4865, -129.4250 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, 33) }
```


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

```
.border{ border-color:rgb(0, 245, 33) }
```

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, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 245, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 245, 33);  
box-shadow:4px 4px 4px 4px rgb(0, 245, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 147.5770, -56.4865, -129.4250 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, 33) }
```

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

```
.background{ background-color: rgb(0, 245,  
33) }
```

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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