

Converting Colors

YUV(145.7930, -50.6769,
-126.1065)

Have a look what the booklet for
YUV(145.7930, -50.6769, -126.1065)
contains.

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Color

**YUV(145.7930, -50.6769,
-126.1065)**

Conversions

Conversions Part 1

Format	Color
Hex	02EF2B
RGB	2, 239, 43
RGB Percent	1%, 94%, 17%
CMY	0.9922, 0.0627, 0.8314
CMYK	0.99, 0.00, 0.82, 0.06
HSL	130°, 98%, 47%
HSV	130°, 99%, 94%
XYZ	31.3276, 61.9203, 12.5862
YIQ	145.7930, -78.3360, -111.2000

Conversions

Conversions Part 2

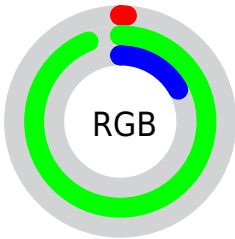
Format	Color
R_{YB}	2, 204, 239
Decimal	192299
CIE _{Lab}	82.87, -80.79, 73.04
CIE _{LCh}	83, 108.910, 137.882
Yxy	61.9203, 0.2960, 0.5851
Android (android.graphics.Color)	4278382379 (0xFF02EF2B)
YUV	145.7930, -50.6769, -126.1065
Hunter-Lab	78.6895, -66.6428, 45.5993

Details

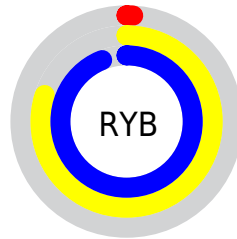
The YUV color **145.7930, -50.6769, -126.1065** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **95.2070, 50.6769, 126.1065**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.1540, -44.4459, -71.1721**, and **106.2470, -52.3798, -93.1786** is the 20% darker color. If you saturate the color by 10%, you get **144.9670, -51.2557, -127.1361**, and if you desaturate by 10%, it is **155.2490, -45.4788, -113.3514**.

Distribution



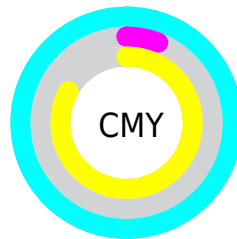
- Red (1%)
- Green (94%)
- Blue (17%)



- Red (1%)
- Yellow (80%)
- Blue (94%)



- Cyan (99%)
- Magenta (0%)
- Yellow (82%)
- Black (6%)



- Cyan (99%)
- Magenta (6%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.7930, -50.6769, -126.1065 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 145.7930, -50.6769, -126.1065 by changing the saturation by 10% instead.

■ 145.7930,
-50.6769, -126.1065

■ 145.7930,
-50.6769, -126.1065

255.0000, 0.0000,
0.0000

■ 123.2700,
-60.7721, -108.1078

■ 196.1540,
-44.4459, -71.1721

■ 106.2470,
-52.3798, -93.1786

■ 209.6260,
-36.7906, -53.1690

■ 89.8110, -44.2768,
-78.7642

■ 223.0980,
-29.1353, -35.1659

■ 73.9620, -36.4633,
-64.8647

■ 235.9720,
-21.1852, -18.3924

■ 58.1130, -28.6497,
-50.9651

■ 248.9600,
-12.7983, -1.7189

■ 42.8510, -21.1255,
-37.5803

254.7720, -0.8736,

■ 27.5890, -13.6014,

0.2000

-24.1956

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,
0.0000

■ 145.7930,
-50.6769, -126.1065

■ 145.7930,
-50.6769, -126.1065

■ 144.9670,
-51.2557, -127.1361

■ 155.2490,
-45.4788, -113.3514

■ 164.7050,
-40.2806, -100.5963

■ 174.0470,
-35.5192, -87.7412

■ 183.5030,
-30.3210, -74.9861

■ 192.9590,
-25.1228, -62.2310

■ 202.1160,
-19.7772, -50.0907

■ 211.4580,
-15.0158, -37.2357

■ 220.9140, -9.8176,
-24.4806

■ 230.3700, -4.6194,
-11.7255

Harmonies

Analogous

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



186.2490, -91.8208, 4.1666



145.7930, -50.6769, -126.1065



163.8160, -1.8813, -143.6666

Triad

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



145.7930, -50.6769, -126.1065



164.6670, 44.5342, -144.4130



140.3050, 4.7796, 100.5875

Complementary

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



145.7930, -50.6769, -126.1065



95.2070, 50.6769, 126.1065

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.



154.2810, 48.1755, 88.3306



145.7930, -50.6769, -126.1065



162.6380, 45.5345, -91.7675

Square

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



145.7930, -50.6769, -126.1065



174.0590, 39.9039, -152.6497



190.4300, 31.8330, 56.6279



162.2500, -55.8323, 81.3418

Rectangle

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



145.7930, -50.6769, -126.1065



173.1980, 28.9894, -151.8946



190.4300, 31.8330, 56.6279



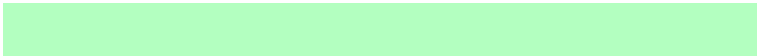
138.3110, 22.5247, 102.3363

Sweetspot

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



145.7930, -50.6769, -126.1065



225.0940, -16.3153, -40.4244



200.0220, -97.6248, -0.8963



109.9140, -9.8176, -24.4806



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.



145.7930, -50.6769, -126.1065



154.7010, -54.5756, -135.6728



159.1310, 0.4284, -137.8039



115.2720, -2.5991, -6.3775



111.6560, -39.2704, -97.9223



34.0120, -11.8379, -29.8285

Inverse Universe

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



95.2070, 50.6769, 126.1065



100.2990, 54.5756, 135.6728



81.8690, -0.4284, 137.8039



112.7280, 2.5991, 6.3775



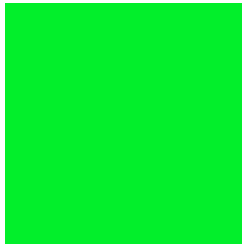
72.3440, 39.2704, 97.9223



21.9880, 11.8379, 29.8285

Previews

White Background



This preview shows how the YUV color 145.7930, -50.6769, -126.1065 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 145.7930, -50.6769, -126.1065 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

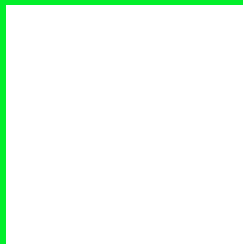
Any Text WCAG AAA ✓ Pass

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

YUV 145.7930, -50.6769, -126.1065 Background



This preview shows how black text looks on a background with the YUV color 145.7930, -50.6769, -126.1065.

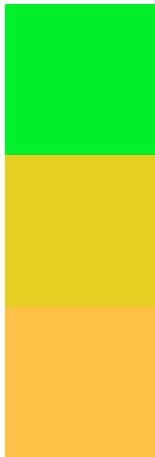


This preview shows how white text looks on a background with the YUV color 145.7930, -50.6769, -126.1065.

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

145.7930, -50.6769, -126.1065

Protanopia

192.9810, -78.3776, 32.4657

Deuteranopia

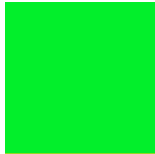
198.2170, -62.7180, 49.7987



Tritanopia

187.3890, 26.4302, -77.5172

Trichromacy



Original Color

145.7930, -50.6769, -126.1065



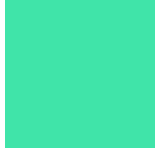
Protanomaly

175.5500, -68.3051, -25.0383



Deuteranomaly

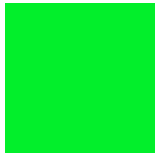
178.9610, -58.1548, -13.9978



Tritanomaly

172.2380, -1.5963, -94.9247

Monochromacy



Original Color

145.7930, -50.6769, -126.1065



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.1920, -18.3357, -45.7724

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.7930, -50.6769, -126.1065 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(2, 239, 43)` looks like.

```
.text, #text, p{
  color:rgb(2, 239, 43)
}
```

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(2, 239, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 239, 43) }
```

Border

The CSS property to change the border of an element to YUV 145.7930, -50.6769, -126.1065 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(2, 239, 43) }
```


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

```
.border{ border-color:rgb(2, 239, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 239, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 239, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 239, 43);  
box-shadow:4px 4px 4px 4px rgb(2, 239, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 145.7930, -50.6769, -126.1065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 239, 43) }
```

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

```
.background{ background-color: rgb(2, 239,  
43) }
```

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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