

Converting Colors

YUV(145.4310, -51.4845,
-100.3560)

Have a look what the booklet for
YUV(145.4310, -51.4845, -100.3560)
contains.

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Color

**YUV(145.4310, -51.4845,
-100.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	1FE029
RGB	31, 224, 41
RGB Percent	12%, 88%, 16%
CMY	0.8784, 0.1216, 0.8392
CMYK	0.86, 0.00, 0.82, 0.12
HSL	123°, 76%, 50%
HSV	123°, 86%, 88%
XYZ	27.6210, 53.7627, 11.0193
YIQ	145.4310, -56.2850, -97.8290

Conversions

Conversions Part 2

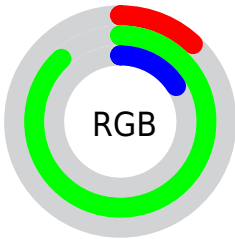
Format	Color
R _Y B	31, 214, 224
Decimal	2089001
CIE Lab	78.32, -75.38, 69.42
CIE LCh	78, 102.479, 137.356
Yxy	53.7627, 0.2989, 0.5818
Android (android.graphics.Color)	4280279081 (0xFF1FE029)
YUV	145.4310, -51.4845, -100.3560
Hunter-Lab	73.3231, -61.0740, 42.4158

Details

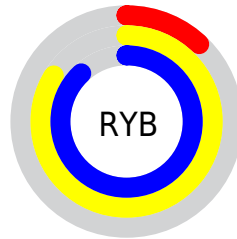
The YUV color **145.4310, -51.4845, -100.3560** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **109.5690, 51.4845, 100.3560**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.4100, -46.0511, -69.6426**, and **98.0290, -48.3283, -85.9714** is the 20% darker color. If you saturate the color by 10%, you get **136.4590, -57.4143, -111.7815**, and if you desaturate by 10%, it is **154.4030, -45.5547, -88.9304**.

Distribution



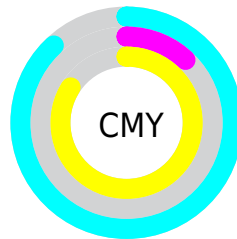
- Red (12%)
- Green (88%)
- Blue (16%)



- Red (12%)
- Yellow (84%)
- Blue (88%)



- Cyan (86%)
- Magenta (0%)
- Yellow (82%)
- Black (12%)



- Cyan (88%)
- Magenta (12%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.4310, -51.4845, -100.3560 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 145.4310, -51.4845, -100.3560 by changing the saturation by 10% instead.

■ 145.4310,
-51.4845, -100.3560

■ 145.4310,
-51.4845, -100.3560

■ 255.0000, 0.0000,
0.0000

■ 114.4650,
-56.4312, -100.3858

■ 196.4100,
-46.0511, -69.6426

■ 98.0290, -48.3283,
-85.9714

■ 209.4690,
-38.6852, -52.1543

■ 81.5930, -40.2253,
-71.5571

■ 222.6420,
-30.8825, -34.7660

■ 65.7440, -32.4118,
-57.6575

■ 235.2170,
-22.7850, -18.6073

■ 50.4820, -24.8876,
-44.2727

■ 248.0910,
-14.8349, -1.8338

■ 36.3940, -17.9422,
-31.9175

■ 254.2020, -3.0576,

■ 21.1320, -10.4181,

0.6998

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 145.4310,
-51.4845, -100.3560

■ 145.4310,
-51.4845, -100.3560

■ 136.4590,
-57.4143, -111.7815

■ 154.4030,
-45.5547, -88.9304


■ 132.8560,
-59.5820, -116.5147

■ 163.6740,
-39.7723, -76.8901


■ 172.7600,
-33.4057, -65.5645


■ 182.0310,
-27.6233, -53.5242

■ 191.0030,
-21.6935, -42.0986

 199.9750,
-15.7637, -30.6731

 209.3600, -9.5445,
-18.7327

 218.3320, -3.6147,
-7.3072

 227.6030, 2.1677,
4.7332

Harmonies

Analogous

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



175.0410, -86.2952, 5.2260



145.4310, -51.4845, -100.3560



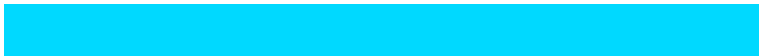
153.7570, -2.3452, -134.8449

Triad

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



145.4310, -51.4845, -100.3560



156.4490, 48.5856, -137.2058



138.3330, 2.3008, 102.3170

Complementary

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



145.4310, -51.4845, -100.3560



109.5690, 51.4845, 100.3560

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.



152.0980, 42.3497, 90.2451



145.4310, -51.4845, -100.3560



153.5010, 50.0390, -89.8934

Square

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



145.4310, -51.4845, -100.3560



164.6670, 44.5342, -144.4130



186.3210, 33.8587, 60.2315



157.6680, -53.0803, 85.3602

Rectangle

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



145.4310, -51.4845, -100.3560



162.5690, 26.3415, -142.5730



186.3210, 33.8587, 60.2315



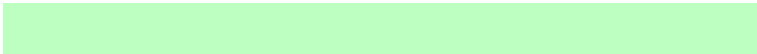
137.2850, 18.5935, 103.2361

Sweetspot

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



145.4310, -51.4845, -100.3560



228.0840, -17.7894, -34.2767



199.0080, -82.8279, 13.1480



111.7080, -10.7020, -20.7919



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.



145.4310, -51.4845, -100.3560



151.1670, -68.1163, -132.5735



156.3750, -9.5519, -109.9539



107.5710, -2.7465, -5.7628



104.3380, -47.0016, -91.5044



28.5180, -12.5804, -25.0103

Inverse Universe

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



109.5690, 51.4845, 100.3560



103.8330, 68.1163, 132.5735



98.6250, 9.5519, 109.9539



105.5430, 3.1833, 5.6628



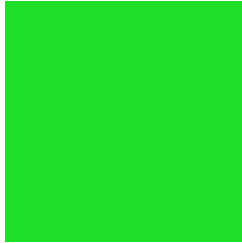
71.6620, 47.0016, 91.5044



19.5960, 13.0172, 24.9103

Previews

White Background



This preview shows how the YUV color 145.4310, -51.4845, -100.3560 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 145.4310, -51.4845, -100.3560 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 145.4310, -51.4845, -100.3560 Background



This preview shows how black text looks on a background with the YUV color 145.4310, -51.4845, -100.3560.



This preview shows how white text looks on a background with the YUV color 145.4310, -51.4845, -100.3560.

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

145.4310, -51.4845, -100.3560

Protanopia

181.0500, -72.9887, 30.6511

Deuteranopia

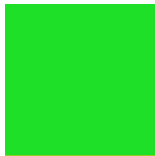
185.6620, -60.9654, 47.6544



Tritanopia

177.3360, 23.4984, -70.4547

Trichromacy



Original Color

145.4310, -51.4845, -100.3560



Protanomaly

168.4030, -65.2747, -17.0164



Deuteranomaly

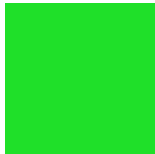
170.8310, -57.5977, -5.9908



Tritanomaly

165.4570, -3.6763, -81.0848

Monochromacy



Original Color

145.4310, -51.4845, -100.3560



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

145.4320, -18.9470, -36.3359

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.4310, -51.4845, -100.3560 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(31, 224, 41)` looks like.

```
.text, #text, p{  
    color:rgb(31, 224, 41)  
}
```

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(31, 224, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 224, 41) }
```

Border

The CSS property to change the border of an element to YUV 145.4310, -51.4845, -100.3560 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(31, 224, 41) }
```


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

```
.border{ border-color:rgb(31, 224, 41) }
```

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

Here you see how a box with a 4 pixel rgb(31, 224, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 224, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 224, 41);  
box-shadow:4px 4px 4px 4px rgb(31, 224,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 145.4310, -51.4845, -100.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 224, 41) }
```

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

```
.background{ background-color: rgb(31, 224,  
41) }
```

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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