

# Converting Colors

YUV(185.0830, -56.7359,  
-49.1848)

Have a look what the booklet for  
YUV(185.0830, -56.7359, -49.1848)  
contains.

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# Color

**YUV(185.0830, -56.7359,  
-49.1848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81EC46
RGB	129, 236, 70
RGB Percent	51%, 93%, 27%
CMY	0.4941, 0.0745, 0.7255
CMYK	0.45, 0.00, 0.70, 0.07
HSL	99°, 81%, 60%
HSV	99°, 70%, 93%
XYZ	40.1542, 65.1002, 16.2436
YIQ	185.0830, -10.4860, -74.3100

# Conversions

## Conversions Part 2

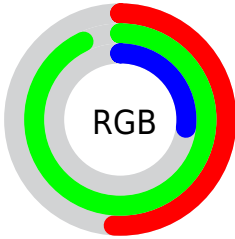
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 236, 177
Decimal	8514630
CIELab	84.54, -58.17, 67.26
CIELCh	85, 88.926, 130.852
Yxy	65.1002, 0.3305, 0.5358
Android (android.graphics.Color)	4286704710 (0xFF81EC46)
YUV	185.0830, -56.7359, -49.1848
Hunter-Lab	80.6847, -52.3645, 44.5429

# Details

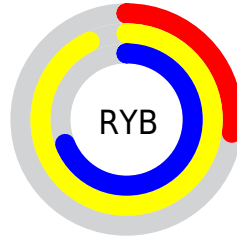
The YUV color **185.0830, -56.7359, -49.1848** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **120.9170, 56.7359, 49.1848**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.6740, -46.1813, -27.7781**, and **124.8070, -61.5299, -51.5737** is the 20% darker color. If you saturate the color by 10%, you get **177.8620, -65.0080, -56.0070**, and if you desaturate by 10%, it is **192.3040, -48.4639, -42.3626**.

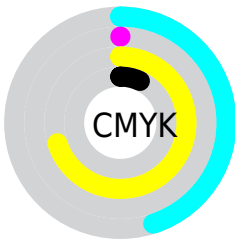
# Distribution



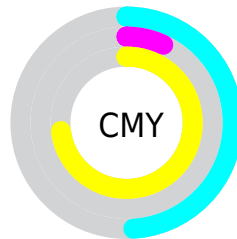
- Red (51%)
- Green (93%)
- Blue (27%)



- Red (27%)
- Yellow (93%)
- Blue (69%)



- Cyan (45%)
- Magenta (0%)
- Yellow (70%)
- Black (7%)



- Cyan (49%)
- Magenta (7%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 185.0830, -56.7359, -49.1848 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 185.0830, -56.7359, -49.1848 by changing the saturation by 10% instead.



■ 185.0830,  
-56.7359, -49.1848

■ 185.0830,  
-56.7359, -49.1848

■ 255.0000, 0.0000,  
0.0000

■ 155.4420,  
-57.8989, -49.4996

■ 220.6740,  
-46.1813, -27.7781

■ 124.8070,  
-61.5299, -51.5737

■ 232.8360,  
-38.3731, -12.1342

■ 96.6990, -47.6726,  
-62.8800

■ 245.1120,  
-30.1282, 3.4098

■ 73.3750, -36.1739,  
-64.3499

■ 250.2120,  
-18.3455, 4.1991

■ 58.1130, -28.6497,  
-50.9651

■ 253.5180, -5.6784,  
1.2997

■ 43.4380, -21.4149,  
-38.0951

■ 29.9370, -14.7589,

-26.2547

■ 14.0880, -6.9454,  
-12.3552

■ 0.0000, 0.0000,  
0.0000

■ 185.0830,  
-56.7359, -49.1848

■ 185.0830,  
-56.7359, -49.1848

■ 177.8620,  
-65.0080, -56.0070

■ 192.3040,  
-48.4639, -42.3626

■ 170.7550,  
-72.8432, -62.9291

■ 199.4110,  
-40.6286, -35.4404

■ 163.6480,  
-80.6785, -69.8513

■ 206.9310,  
-32.5040, -28.0035

■ 214.0380,  
-24.6687, -21.0813

■ 221.2590,  
-16.3967, -14.2591

■ 228.4800, -8.1246,  
-7.4370

■ 235.5870, -0.2894,  
-0.5148

■ 242.6510, 6.0881,  
7.3221

■ 243.8470, 5.4984,  
9.7812

# Harmonies

## Analogous

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



194.0560, -95.6696, 25.3839



185.0830, -56.7359, -49.1848



161.8440, -4.3601, -141.9372

# Triad

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



185.0830, -56.7359, -49.1848



167.0150, 43.3766, -146.4722



170.0090, 6.8976, 74.5371

# Complementary

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



185.0830, -56.7359, -49.1848



120.9170, 56.7359, 49.1848

# 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.



185.1470, 34.4375, 61.2611



185.0830, -56.7359, -49.1848



170.5680, 41.6250, -97.8451

# Square

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



185.0830, -56.7359, -49.1848



174.0590, 39.9039, -152.6497



206.8550, 23.7355, 40.4692



176.2650, -35.1336, 69.0506



# Rectangle

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



185.0830, -56.7359, -49.1848



170.2170, 20.1060, -149.2803



206.8550, 23.7355, 40.4692



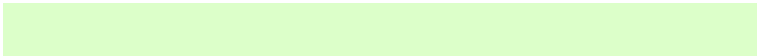
173.2010, 19.1279, 71.7377

# Sweetspot

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



185.0830, -56.7359, -49.1848



238.3790, -18.4278, -16.1184



181.2690, -54.8556, 47.9991



118.0730, -10.8820, -9.7110



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.



185.0830, -56.7359, -49.1848



189.3420, -73.1326, -63.4439



169.9500, -38.4293, -87.6561



113.6530, -3.7729, -3.2037



125.3830, -61.8138, -53.8329



37.3790, -18.4278, -16.1184



# Inverse Universe

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



120.9170, 56.7359, 49.1848



106.6580, 73.1326, 63.4439



136.0500, 38.4293, 87.6561



109.3470, 3.7729, 3.2037



55.6170, 61.8138, 53.8329

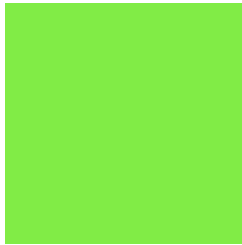


16.6210, 18.4278, 16.1184



# Previews

## White Background



This preview shows how the YUV color 185.0830, -56.7359, -49.1848 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 185.0830, -56.7359, -49.1848 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

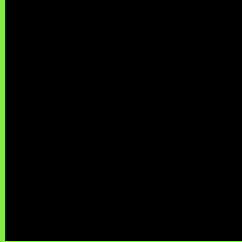
Any Text WCAG AA ✓ Pass

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 185.0830, -56.7359, -49.1848 Background



This preview shows how black text looks on a background with the YUV color 185.0830, -56.7359, -49.1848.



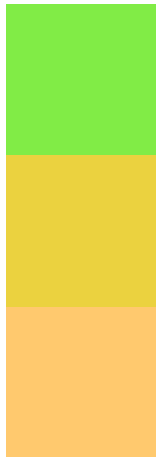
This preview shows how white text looks on a background with the YUV color 185.0830, -56.7359, -49.1848.



# 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

185.0830, -56.7359, -49.1848

### Protanopia

200.7170, -67.8945, 30.0662

### Deuteranopia

206.7720, -47.7086, 42.2960



## Tritanopia

202.9160, 17.2964, -41.1453

# Trichromacy



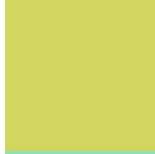
## Original Color

185.0830, -56.7359, -49.1848



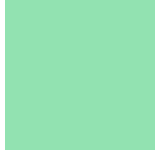
## Protanomaly

194.6810, -63.4397, 1.1568



## Deuteranomaly

198.9390, -51.2419, 8.8235



## Tritanomaly

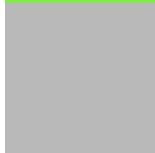
196.4940, -9.6105, -44.2832

# Monochromacy



## Original Color

185.0830, -56.7359, -49.1848



## Achromatopsia

185.0000, 0.0000, 0.0000



## Achromatomaly

185.3850, -20.8958, -17.8776

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 185.0830, -56.7359, -49.1848 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(129, 236, 70)` looks like.

```
.text, #text, p{  
    color:rgb(129, 236, 70)  
}
```

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(129, 236, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 236, 70) }
```

## Border

The CSS property to change the border of an element to YUV 185.0830, -56.7359, -49.1848 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(129, 236, 70) }
```



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

```
.border{ border-color:rgb(129, 236, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 236, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 236, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 236, 70);  
box-shadow:4px 4px 4px 4px rgb(129, 236,  
70) }
```

# Background

The CSS property to change the background color of an element to YUV 185.0830, -56.7359, -49.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 236, 70) }
```

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

```
.background{ background-color: rgb(129,  
236, 70) }
```

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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