

# Converting Colors

YUV(184.9330, -35.9560,  
-87.6412)

Have a look what the booklet for  
YUV(184.9330, -35.9560, -87.6412)  
contains.

<b>YUV(184.9330, -35.9560, -87.6412)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(184.9330, -35.9560,  
-87.6412)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55FA70
RGB	85, 250, 112
RGB Percent	33%, 98%, 44%
CMY	0.6667, 0.0196, 0.5608
CMYK	0.66, 0.00, 0.55, 0.02
HSL	130°, 94%, 66%
HSV	130°, 66%, 98%
XYZ	40.8565, 71.4724, 26.9714
YIQ	184.9330, -54.0420, -77.8980

# Conversions

## Conversions Part 2

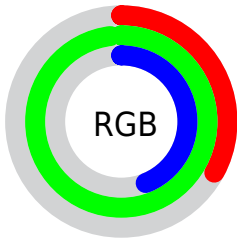
Format	Color
<a href="#">RYB</a>	<a href="#">85, 227, 250</a>
Decimal	<a href="#">5634672</a>
CIELab	<a href="#">87.71, -69.69, 53.21</a>
CIELCh	<a href="#">88, 87.684, 142.638</a>
Yxy	<a href="#">71.4724, 0.2933, 0.5131</a>
Android (android.graphics.Color)	<a href="#">4283824752</a> <a href="#">(0xFF55FA70)</a>
YUV	<a href="#">184.9330, -35.9560, -87.6412</a>
Hunter-Lab	<a href="#">84.5413, -61.6831, 40.2635</a>

# Details

The YUV color **184.9330, -35.9560, -87.6412** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **150.0670, 35.9560, 87.6412**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.8720, -23.1079, -55.1387**, and **119.3160, -30.2288, -104.6401** is the 20% darker color. If you saturate the color by 10%, you get **175.0640, -41.4436, -100.9111**, and if you desaturate by 10%, it is **194.8020, -30.4684, -74.3714**.

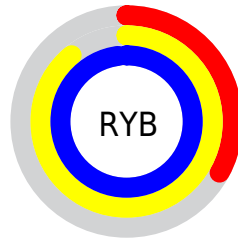
# Distribution



Red (33%)

Green (98%)

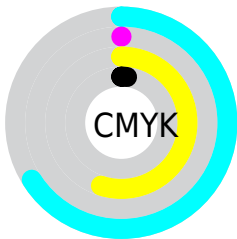
Blue (44%)



Red (33%)

Yellow (89%)

Blue (98%)

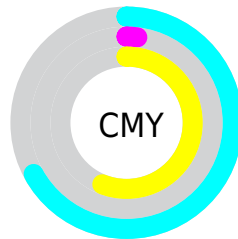


Cyan (66%)

Magenta (0%)

Yellow (55%)

Black (2%)



Cyan (67%)

Magenta (2%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 184.9330, -35.9560, -87.6412 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 184.9330, -35.9560, -87.6412 by changing the saturation by 10% instead.



184.9330,  
-35.9560, -87.6412

184.9330,  
-35.9560, -87.6412

255.0000, 0.0000,  
0.0000

151.9750,  
-33.0187, -96.4481

213.8720,  
-23.1079, -55.1387

119.3160,  
-30.2288, -104.6401

226.6320,  
-15.5946, -38.2653

99.5740, -34.7930,  
-87.3264

239.2070, -7.4971,  
-22.1065

80.4190, -39.6466,  
-70.5275

251.7820, 0.6005,  
-5.9478

64.5700, -31.8330,  
-56.6279

49.3080, -24.3088,  
-43.2431

35.2200, -17.3635,

-30.8879

■ 19.9580, -9.8393,  
-17.5032

■ 0.0000, 0.0000,  
0.0000

■ 184.9330,  
-35.9560, -87.6412

■ 184.9330,  
-35.9560, -87.6412

■ 175.0640,  
-41.4436, -100.9111

■ 194.8020,  
-30.4684, -74.3714

■ 165.1950,  
-46.9311, -114.1810

■ 204.6710,  
-24.9808, -61.1015

■ 155.3260,  
-52.4187, -127.4509

■ 214.5400,  
-19.4932, -47.8316

■ 151.4240,  
-54.4390, -132.7988

■ 224.4090,  
-14.0056, -34.5617

■ 234.2780, -8.5181,  
-21.2918

■ 244.0330, -3.4673,  
-7.9219

■ 252.0650, 1.4470,  
2.5740

# Harmonies

## Analogous

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



201.4900, -80.6006, -1.3067



184.9330, -35.9560, -87.6412



172.0290, 11.8177, -150.8694

# Triad

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



184.9330, -35.9560, -87.6412



167.6020, 43.0872, -146.9870



178.5400, -8.6472, 67.0554

# Complementary

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



184.9330, -35.9560, -87.6412



150.0670, 35.9560, 87.6412

# 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.



185.6540, 28.7646, 60.8164



184.9330, -35.9560, -87.6412



204.1000, 25.0937, -22.0127

# Square

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



184.9330, -35.9560, -87.6412



176.9940, 38.4570, -155.2237



204.5180, 24.8876, 44.2727



188.1870, -50.3782, 58.5950



# Rectangle

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



184.9330, -35.9560, -87.6412



178.6410, 37.1520, -156.6682



204.5180, 24.8876, 44.2727



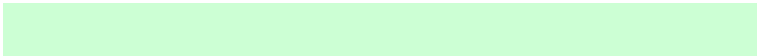
178.0960, 4.8827, 67.4448

# Sweetspot

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



184.9330, -35.9560, -87.6412



234.8490, -11.2646, -27.0546



223.7150, -68.3865, 1.1269



115.7670, -6.7871, -16.4587



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.



184.9330, -35.9560, -87.6412



175.7490, -43.7533, -106.7739



194.0530, -1.0121, -95.6395



119.8590, -2.8885, -6.8923



114.4770, -41.1542, -100.3963



36.9470, -13.2849, -32.4025



# Inverse Universe

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



150.0670, 35.9560, 87.6412



133.2510, 43.7533, 106.7739



140.9470, 1.0121, 95.6395



117.1410, 2.8885, 6.8923



74.5230, 41.1542, 100.3963

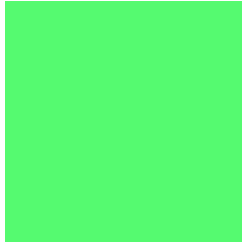


24.0530, 13.2849, 32.4025



# Previews

## White Background



This preview shows how the YUV color 184.9330, -35.9560, -87.6412 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

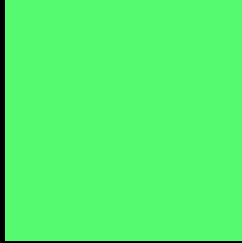
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 184.9330, -35.9560, -87.6412 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 184.9330, -35.9560, -87.6412 Background



This preview shows how black text looks on a background with the YUV color 184.9330, -35.9560, -87.6412.



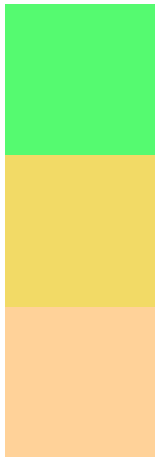
This preview shows how white text looks on a background with the YUV color 184.9330, -35.9560, -87.6412.



# 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

184.9330, -35.9560, -87.6412

### Protanopia

211.9520, -54.2063, 26.3521

### Deuteranopia

216.9570, -31.5308, 33.3637



## Tritanopia

204.5750, 24.3665, -68.9103

# Trichromacy



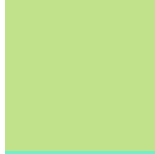
## Original Color

184.9330, -35.9560, -87.6412



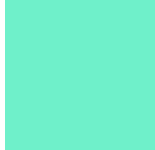
## Protanomaly

202.4090, -47.5296, -15.2677



## Deuteranomaly

205.5140, -33.2844, -10.9748



## Tritanomaly

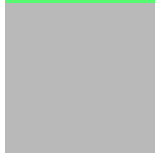
197.0970, 2.4172, -75.5071

# Monochromacy



## Original Color

184.9330, -35.9560, -87.6412



## Achromatopsia

185.0000, 0.0000, 0.0000



## Achromatomaly

185.2460, -13.4323, -31.7877

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 184.9330, -35.9560, -87.6412 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(85, 250, 112)` looks like.

```
.text, #text, p{  
    color:rgb(85, 250, 112)  
}
```

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(85, 250, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 250, 112) }
```

## Border

The CSS property to change the border of an element to YUV 184.9330, -35.9560, -87.6412 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(85, 250, 112) }
```



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

```
.border{ border-color:rgb(85, 250, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 250, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 250, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 250, 112);  
box-shadow:4px 4px 4px 4px rgb(85, 250,  
112) }
```

# Background

The CSS property to change the background color of an element to YUV 184.9330, -35.9560, -87.6412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 250, 112) }
```

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

```
.background{ background-color: rgb(85, 250,  
112) }
```

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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