

# Converting Colors

YUV(184.4550, -84.5273,  
-48.6340)

Have a look what the booklet for  
YUV(184.4550, -84.5273, -48.6340)  
contains.

<b>YUV(184.4550, -84.5273, -48.6340)</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(184.4550, -84.5273,  
-48.6340)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81F60D
RGB	129, 246, 13
RGB Percent	51%, 96%, 5%
CMY	0.4941, 0.0353, 0.9490
CMYK	0.48, 0.00, 0.95, 0.04
HSL	90°, 93%, 51%
HSV	90°, 95%, 96%
XYZ	42.0817, 70.6077, 11.7915
YIQ	184.4550, 5.0610, -97.2670

# Conversions

## Conversions Part 2

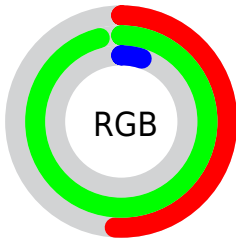
Format	Color
<a href="#">RYB</a>	<a href="#">13, 246, 130</a>
Decimal	<a href="#">8517133</a>
CIELab	<a href="#">87.29, -64.15, 82.76</a>
CIELCh	<a href="#">87, 104.712, 127.779</a>
Yxy	<a href="#">70.6077, 0.3381, 0.5672</a>
Android (android.graphics.Color)	<a href="#">4286707213 (0xFF81F60D)</a>
YUV	<a href="#">184.4550, -84.5273, -48.6340</a>
Hunter-Lab	<a href="#">84.0284, -57.6564, 50.4999</a>

# Details

The YUV color **184.4550, -84.5273, -48.6340** is a dark color, and the websafe version is hex **99FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **74.5450, 84.5273, 48.6340**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.5100, -60.8904, -23.2493**, and **129.1820, -63.6867, -59.7956** is the 20% darker color. If you saturate the color by 10%, you get **180.8800, -89.1738, -51.6378**, and if you desaturate by 10%, it is **190.8930, -75.3762, -43.7562**.

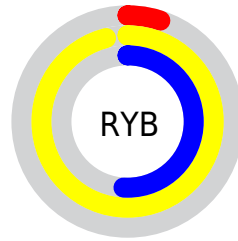
# Distribution



Red (51%)

Green (96%)

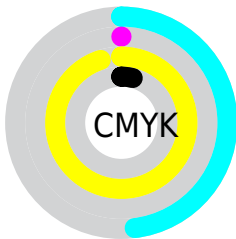
Blue (5%)



Red (5%)

Yellow (96%)

Blue (51%)

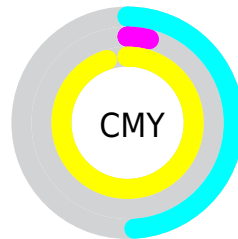


Cyan (48%)

Magenta (0%)

Yellow (95%)

Black (4%)



Cyan (49%)

Magenta (4%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 184.4550, -84.5273, -48.6340 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 184.4550, -84.5273, -48.6340 by changing the saturation by 10% instead.



184.4550,  
-84.5273, -48.6340

184.4550,  
-84.5273, -48.6340

255.0000, 0.0000,  
0.0000

156.3820,  
-77.0963, -52.0780

217.5100,  
-60.8904, -23.2493

129.1820,  
-63.6867, -59.7956

230.3130,  
-51.9193, -7.2905

94.5070, -46.5920,  
-82.8826

242.8880,  
-43.8218, 8.8682

78.6580, -38.7784,  
-68.9831

246.9060,  
-31.0127, 7.0984

62.8090, -30.9648,  
-55.0835

250.3260,  
-17.9087, 4.0991

48.1340, -23.7301,  
-42.2135

253.7460, -4.8048,

34.0460, -16.7847,

1.0998

-29.8583

■ 19.3710, -9.5499,  
-16.9884

■ 0.0000, 0.0000,  
0.0000

■ 184.4550,  
-84.5273, -48.6340

■ 184.4550,  
-84.5273, -48.6340

■ 180.8800,  
-89.1738, -51.6378

■ 190.8930,  
-75.3762, -43.7562

■ 197.5160,  
-66.8094, -38.1635

■ 203.9540,  
-57.6583, -33.2857

■ 210.2780,  
-48.9441, -28.3078

■ 217.0150,  
-39.9404, -22.8152

■ 223.4530,  
-30.7893, -17.9373

■ 229.7770,  
-22.0751, -12.9594

■ 236.5140,  
-13.0714, -7.4668

■ 242.8380, -4.3571,  
-2.4889

# Harmonies

## Analogous

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



202.3620, -99.7645, 32.1315



184.4550, -84.5273, -48.6340



165.4170, -13.5166, -145.0707

# Triad

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



184.4550, -84.5273, -48.6340



175.2330, 39.3251, -153.6793



157.9900, 19.2319, 85.0778

# Complementary

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



184.4550, -84.5273, -48.6340



74.5450, 84.5273, 48.6340

# 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.



179.2770, 37.3314, 66.4091



184.4550, -84.5273, -48.6340



159.9710, 46.8493, -140.2946

# Square

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



184.4550, -84.5273, -48.6340



178.7550, 37.5888, -156.7681



209.1920, 22.5833, 36.6656



168.1780, -33.1188, 76.1429



# Rectangle

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



184.4550, -84.5273, -48.6340



173.3970, 17.0593, -152.0692



209.1920, 22.5833, 36.6656



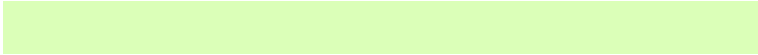
162.4530, 33.7937, 81.1637

# Sweetspot

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



184.4550, -84.5273, -48.6340



236.1420, -25.7060, -15.0335



151.3460, -68.2046, 83.0116



116.4060, -15.9762, -9.1261



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.



184.4550, -84.5273, -48.6340



187.6580, -92.5154, -53.1971



149.7710, -67.4281, -119.9482



118.8380, -4.3571, -2.4889



136.9890, -67.5356, -38.5784



43.3040, -21.3489, -12.5446



# Inverse Universe

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



74.5450, 84.5273, 48.6340



67.3420, 92.5154, 53.1971



109.2290, 67.4281, 119.9482



113.1620, 4.3571, 2.4889



49.0110, 67.5356, 38.5784

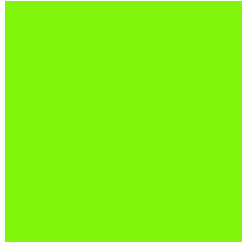


15.3970, 21.4963, 11.9298



# Previews

## White Background



This preview shows how the YUV color 184.4550, -84.5273, -48.6340 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

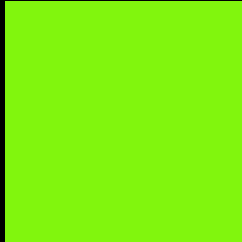
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 184.4550, -84.5273, -48.6340 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

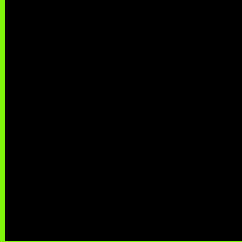
Any Text WCAG AA ✓ Pass

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 184.4550, -84.5273, -48.6340 Background



This preview shows how black text looks on a background with the YUV color 184.4550, -84.5273, -48.6340.



This preview shows how white text looks on a background with the YUV color 184.4550, -84.5273, -48.6340.

-48.6340.

# 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

184.4550, -84.5273, -48.6340

### Protanopia

201.2210, -99.2020, 38.3942

### Deuteranopia

215.4750, -37.2092, 34.6634



## **Tritanopia**

210.4210, 18.0334, -44.2192

# Trichromacy



## Original Color

184.4550, -84.5273, -48.6340

## Protanomaly

195.1030, -93.7208, 6.9257

## Deuteranomaly

204.1080, -54.2832, 4.2903

## Tritanomaly

200.9640, -19.2093, -45.5724

# Monochromacy



## Original Color

184.4550, -84.5273, -48.6340

## Achromatopsia

184.0000, 0.0000, 0.0000

## Achromatomaly

184.4530, -30.7893, -17.9373

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 184.4550, -84.5273, -48.6340 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, 246, 13)` looks like.

```
.text, #text, p{  
    color:rgb(129, 246, 13)  
}
```

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, 246, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 246, 13) }
```

## Border

The CSS property to change the border of an element to YUV 184.4550, -84.5273, -48.6340 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, 246, 13) }
```



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

```
.border{ border-color:rgb(129, 246, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 246, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 246, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 246, 13);  
box-shadow:4px 4px 4px 4px rgb(129, 246,  
13) }
```

# Background

The CSS property to change the background color of an element to YUV 184.4550, -84.5273, -48.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 246, 13) }
```

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

```
.background{ background-color: rgb(129,  
246, 13) }
```

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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