

# Converting Colors

YUV(194.5830, -58.4614,  
-55.7623)

Have a look what the booklet for  
YUV(194.5830, -58.4614, -55.7623)  
contains.

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# Color

**YUV(194.5830, -58.4614,  
-55.7623)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83FA4C
RGB	131, 250, 76
RGB Percent	51%, 98%, 30%
CMY	0.4863, 0.0196, 0.7020
CMYK	0.48, 0.00, 0.70, 0.02
HSL	101°, 95%, 64%
HSV	101°, 70%, 98%
XYZ	44.8502, 73.7183, 18.7027
YIQ	194.5830, -15.0700, -79.3420

# Conversions

## Conversions Part 2

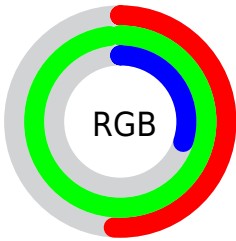
Format	Color
<a href="#">RYB</a>	<a href="#">76, 250, 195</a>
Decimal	<a href="#">8649292</a>
CIELab	<a href="#">88.79, -62.41, 69.49</a>
CIELCh	<a href="#">89, 93.407, 131.927</a>
Yxy	<a href="#">73.7183, 0.3267, 0.5370</a>
Android (android.graphics.Color)	<a href="#">4286839372</a> ( <a href="#">0xFF83FA4C</a> )
YUV	<a href="#">194.5830, -58.4614, -55.7623</a>
Hunter-Lab	<a href="#">85.8594, -57.0112, 47.1865</a>

# Details

The YUV color  $194.5830, -58.4614, -55.7623$  is a light color, and the websafe version is hex  $99FF66$ . The color can be described as light washed chartreuse. A complement of this color would be  $131.4170, 58.4614, 55.7623$ , and the grayscale version is  $195.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $222.2550, -44.0027, -26.5336$ , and  $132.4380, -65.2919, -58.2661$  is the 20% darker color. If you saturate the color by 10%, you get  $186.6500, -66.8755, -63.7141$ , and if you desaturate by 10%, it is  $202.5160, -50.0474, -47.8105$ .

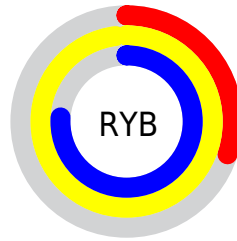
# Distribution



Red (51%)

Green (98%)

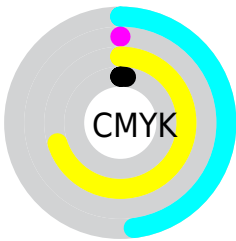
Blue (30%)



Red (30%)

Yellow (98%)

Blue (76%)

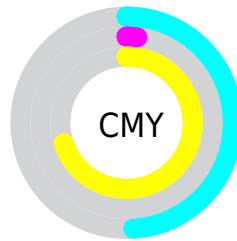


Cyan (48%)

Magenta (0%)

Yellow (70%)

Black (2%)



Cyan (49%)

Magenta (2%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 194.5830, -58.4614, -55.7623 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 194.5830, -58.4614, -55.7623 by changing the saturation by 10% instead.



194.5830,  
-58.4614, -55.7623

194.5830,  
-58.4614, -55.7623

255.0000, 0.0000,  
0.0000

164.6430,  
-59.4770, -56.6919

222.2550,  
-44.0027, -26.5336

132.4380,  
-65.2919, -58.2661

234.5310,  
-35.7578, -10.9897

102.5360,  
-50.5502, -73.2611

247.1060,  
-27.6603, 5.1690

80.4190, -39.6466,  
-70.5275

251.0100,  
-15.2879, 3.4992

65.1570, -32.1224,  
-57.1427

254.4300, -2.1840,  
0.4999

49.8950, -24.5982,  
-43.7579

35.8070, -17.6529,

-31.4027

■ 21.7190, -10.7075,  
-19.0476

■ 0.0000, 0.0000,  
0.0000

■ 194.5830,  
-58.4614, -55.7623

■ 194.5830,  
-58.4614, -55.7623

■ 186.6500,  
-66.8755, -63.7141

■ 202.5160,  
-50.0474, -47.8105

■ 178.7170,  
-75.2895, -71.6658

■ 210.4490,  
-41.6334, -39.8588

■ 170.7840,  
-83.7035, -79.6176

■ 218.3820,  
-33.2193, -31.9070

■ 170.3710,  
-83.9929, -80.1324

■ 226.3150,  
-24.8053, -23.9553

234.2480,  
-16.3913, -16.0035

242.4800, -8.1246,  
-7.4370

250.4130, 0.2894,  
0.5148

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.



204.3780, -100.7584, 24.2245



194.5830, -58.4614, -55.7623



168.3810, -2.1598, -147.6701

# Triad

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



194.5830, -58.4614, -55.7623



174.6460, 39.6145, -153.1645



174.9160, 7.9294, 70.2337

# Complementary

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



194.5830, -58.4614, -55.7623



131.4170, 58.4614, 55.7623

# 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.



188.6690, 32.7012, 58.1723



194.5830, -58.4614, -55.7623



182.4070, 35.7883, -92.4419

# Square

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



194.5830, -58.4614, -55.7623



178.7550, 37.5888, -156.7681



212.1490, 21.1255, 37.5803



182.3630, -37.1540, 63.7026



# Rectangle

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



194.5830, -58.4614, -55.7623



175.4490, 24.9216, -153.8688



212.1490, 21.1255, 37.5803



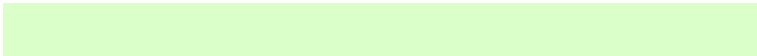
177.7490, 21.3227, 67.7491

# Sweetspot

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



194.5830, -58.4614, -55.7623



237.7810, -18.1330, -17.3479



197.8790, -60.0863, 45.7101



117.7740, -10.7346, -10.3258



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.



194.5830, -58.4614, -55.7623



186.9500, -71.9534, -68.3622



181.7860, -36.3765, -92.7743



120.8270, -4.3517, -4.2333



128.8830, -63.5393, -60.4104



41.4880, -20.4536, -19.7220



# Inverse Universe

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



131.4170, 58.4614, 55.7623



109.0500, 71.9534, 68.3622



144.2140, 36.3765, 92.7743



116.1730, 4.3517, 4.2333



60.1170, 63.5393, 60.4104

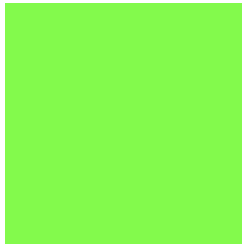


19.5120, 20.4536, 19.7220



# Previews

## White Background



This preview shows how the YUV color 194.5830, -58.4614, -55.7623 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 194.5830, -58.4614, -55.7623 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

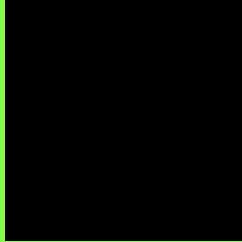
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

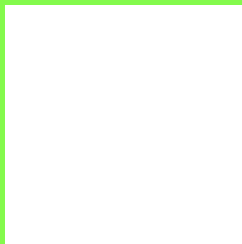
Any Text WCAG AAA ✓ Pass

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

# YUV 194.5830, -58.4614, -55.7623 Background



This preview shows how black text looks on a background with the YUV color 194.5830, -58.4614, -55.7623.



This preview shows how white text looks on a background with the YUV color 194.5830, -58.4614, -55.7623.

-55.7623.

# 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

194.5830, -58.4614, -55.7623

### Protanopia

212.3320, -70.6627, 31.2808

### Deuteranopia

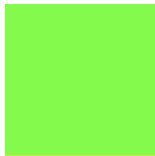
220.6900, -29.9202, 30.0899



## Tritanopia

213.6380, 18.9125, -46.1635

# Trichromacy



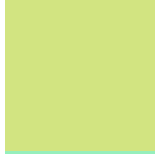
## Original Color

194.5830, -58.4614, -55.7623



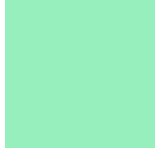
## Protanomaly

205.6870, -65.9077, -0.6025



## Deuteranomaly

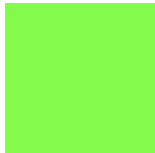
211.3320, -40.5897, -1.1682



## Tritanomaly

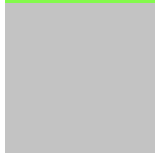
206.5750, -9.1575, -49.6163

# Monochromacy



## Original Color

194.5830, -58.4614, -55.7623



## Achromatopsia

195.0000, 0.0000, 0.0000



## Achromatomaly

194.9610, -21.1798, -20.1368

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 194.5830, -58.4614, -55.7623 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(131, 250, 76)` looks like.

```
.text, #text, p{  
    color:rgb(131, 250, 76)  
}
```

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(131, 250, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 250, 76) }
```

## Border

The CSS property to change the border of an element to YUV 194.5830, -58.4614, -55.7623 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(131, 250, 76) }
```



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

```
.border{ border-color:rgb(131, 250, 76) }
```

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

Here you see how a box with a 4 pixel rgb(131, 250, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 250, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 250, 76);  
box-shadow:4px 4px 4px 4px rgb(131, 250,  
76) }
```

# Background

The CSS property to change the background color of an element to YUV 194.5830, -58.4614, -55.7623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 250, 76) }
```

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

```
.background{ background-color: rgb(131,  
250, 76) }
```

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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