

# Converting Colors

YUV(211.4680, -84.0407,  
-17.9504)

Have a look what the booklet for  
YUV(211.4680, -84.0407, -17.9504)  
contains.

<b>YUV(211.4680, -84.0407, -17.9504)</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(211.4680, -84.0407,  
-17.9504)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFFF29
RGB	191, 255, 41
RGB Percent	75%, 100%, 16%
CMY	0.2510, 0.0000, 0.8392
CMYK	0.25, 0.00, 0.84, 0.00
HSL	78°, 100%, 58%
HSV	78°, 84%, 100%
XYZ	57.6461, 82.7565, 15.0331
YIQ	211.4680, 30.5500, -80.1220

# Conversions

## Conversions Part 2

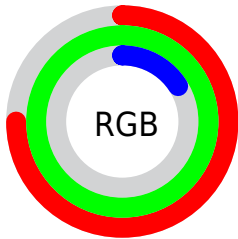
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">41, 255, 105</a>
Decimal	<a href="#">12582697</a>
<a href="#">CIELab</a>	<a href="#">92.91, -46.20, 84.40</a>
<a href="#">CIElCh</a>	<a href="#">93, 96.217, 118.693</a>
<a href="#">Yxy</a>	<a href="#">82.7565, 0.3709, 0.5324</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290772777 (0xFFBFFF29)</a>
<a href="#">YUV</a>	<a href="#">211.4680, -84.0407, -17.9504</a>
<a href="#">Hunter-Lab</a>	<a href="#">90.9706, -46.0869, 53.8816</a>

# Details

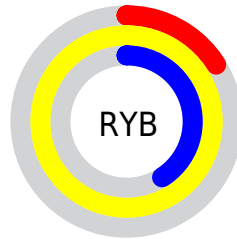
The YUV color **211.4680, -84.0407, -17.9504** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **84.5320, 84.0407, 17.9504**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.4590, -63.3303, 12.7525**, and **155.6940, -76.7571, -20.7796** is the 20% darker color. If you saturate the color by 10%, you get **206.2260, -93.7814, -20.3692**, and if you desaturate by 10%, it is **216.7100, -74.3000, -15.5317**.

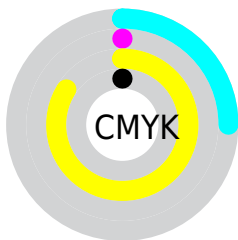
# Distribution



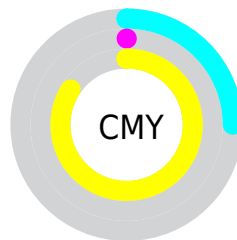
- Red (75%)
- Green (100%)
- Blue (16%)



- Red (16%)
- Yellow (100%)
- Blue (41%)



- Cyan (25%)
- Magenta (0%)
- Yellow (84%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 211.4680, -84.0407, -17.9504 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 211.4680, -84.0407, -17.9504 by changing the saturation by 10% instead.



211.4680,  
-84.0407, -17.9504

211.4680,  
-84.0407, -17.9504

255.0000, 0.0000,  
0.0000

180.8010,  
-89.1349, -17.3655

237.4590,  
-63.3303, 12.7525

155.6940,  
-76.7571, -20.7796

241.7760,  
-50.6686, 11.5974

130.2880,  
-64.2320, -24.8086

245.1960,  
-37.5646, 8.5981

106.0560,  
-52.2856, -29.8671

248.5020,  
-24.8975, 5.6987

80.6280, -39.7496,  
-37.3848

251.9220,  
-11.7935, 2.6994

54.0040, -26.6240,  
-47.3615

39.9160, -19.6786,

-35.0063

■ 27.0020, -13.3120,  
-23.6808

■ 10.5660, -5.2090,  
-9.2664

■ 211.4680,  
-84.0407, -17.9504

■ 211.4680,  
-84.0407, -17.9504

■ 206.2260,  
-93.7814, -20.3692

■ 216.7100,  
-74.3000, -15.5317

■ 203.2060,  
-100.1806, -21.2287

■ 221.7670,  
-63.9751, -13.8277

■ 227.1230,  
-53.7976, -11.5089

■ 232.3650,  
-44.0569, -9.0901

■ 237.4220,  
-33.7320, -7.3861

■ 242.6640,  
-23.9914, -4.9673

■ 247.7210,  
-13.6665, -3.2633

■ 252.9630, -3.9258,  
-0.8446

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



210.6680, -103.8593, 38.8792



211.4680, -84.0407, -17.9504



164.7330, -16.1374, -144.4708

# Triad

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



211.4680, -84.0407, -17.9504



178.7550, 37.5888, -156.7681



185.5400, 28.3278, 60.9164

# Complementary

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



211.4680, -84.0407, -17.9504



84.5320, 84.0407, 17.9504

# 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.



203.9310, 25.1770, 44.7875



211.4680, -84.0407, -17.9504



174.0590, 39.9039, -152.6497

# Square

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



211.4680, -84.0407, -17.9504



178.7550, 37.5888, -156.7681



220.1910, 17.1608, 2.4635



183.2700, -15.9091, 62.9072



# Rectangle

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



211.4680, -84.0407, -17.9504



171.9150, 11.3809, -150.7695



220.1910, 17.1608, 2.4635



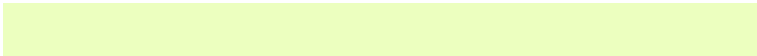
190.4300, 31.8330, 56.6279

# Sweetspot

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



211.4680, -84.0407, -17.9504



242.0230, -25.1543, -5.2822



140.7930, -49.1979, 100.1595



119.9660, -15.2662, -3.4782



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.



211.4680, -84.0407, -17.9504



203.2060, -100.1806, -21.2287



180.3720, -68.7104, -81.8872



125.3220, -5.0887, -1.1594



152.1830, -75.0262, -15.9465



51.0230, -25.1543, -5.2822



# Inverse Universe

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



84.5320, 84.0407, 17.9504



51.7940, 100.1806, 21.2287



115.6280, 68.7104, 81.8872



117.6780, 5.0887, 1.1594



38.8170, 75.0262, 15.9465

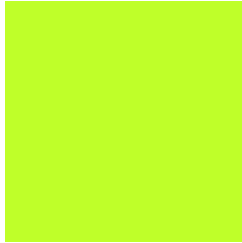


12.9770, 25.1543, 5.2822



# Previews

## White Background



This preview shows how the YUV color 211.4680, -84.0407, -17.9504 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

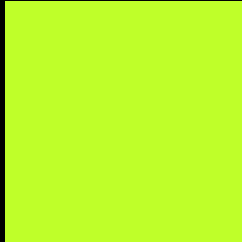
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 211.4680, -84.0407, -17.9504 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

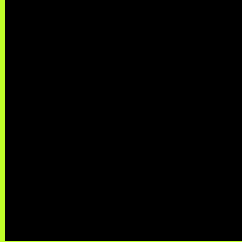
Any Text WCAG AA ✓ Pass

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 211.4680, -84.0407, -17.9504 Background



This preview shows how black text looks on a background with the YUV color 211.4680, -84.0407, -17.9504.



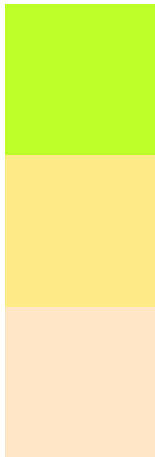
This preview shows how white text looks on a background with the YUV color 211.4680, -84.0407, -17.9504.

-17.9504.

# 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

211.4680, -84.0407, -17.9504

### Protanopia

229.1070, -45.9018, 22.7082

### Deuteranopia

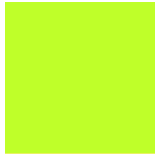
233.8270, -17.6627, 18.5687



## Tritanopia

232.4740, 11.1053, -15.3247

# Trichromacy



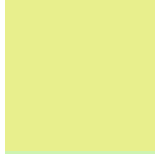
## Original Color

211.4680, -84.0407, -17.9504



## Protanomaly

222.9360, -60.1144, 7.9491



## Deuteranomaly

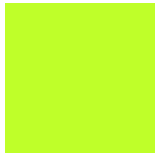
225.7350, -41.7744, 5.4944



## Tritanomaly

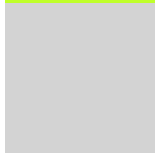
225.0000, -23.6640, -16.6630

# Monochromacy



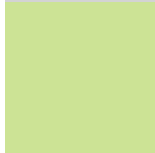
## Original Color

211.4680, -84.0407, -17.9504



## Achromatopsia

211.0000, 0.0000, 0.0000



## Achromatomaly

211.2310, -30.6799, -6.3416

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 211.4680, -84.0407, -17.9504 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(191, 255, 41)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 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(191, 255, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 41) }
```

## Border

The CSS property to change the border of an element to YUV 211.4680, -84.0407, -17.9504 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(191, 255, 41) }
```



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

```
.border{ border-color:rgb(191, 255, 41) }
```

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

Here you see how a box with a 4 pixel rgb(191, 255, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 255, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 255, 41);  
box-shadow:4px 4px 4px 4px rgb(191, 255,  
41) }
```

# Background

The CSS property to change the background color of an element to YUV 211.4680, -84.0407, -17.9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 41) }
```

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

```
.background{ background-color: rgb(191,  
255, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor