

# Converting Colors

YUV(211.1690, -63.6803,  
-15.0572)

Have a look what the booklet for  
YUV(211.1690, -63.6803, -15.0572)  
contains.

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# Color

**YUV(211.1690, -63.6803,  
-15.0572)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2F552
RGB	194, 245, 82
RGB Percent	76%, 96%, 32%
CMY	0.2392, 0.0392, 0.6784
CMYK	0.21, 0.00, 0.67, 0.04
HSL	79°, 89%, 64%
HSV	79°, 67%, 96%
XYZ	56.4235, 77.3833, 19.9453
YIQ	211.1690, 21.9270, -61.5050

# Conversions

## Conversions Part 2

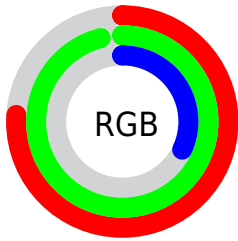
Format	Color
<a href="#">RYB</a>	<a href="#">82, 245, 133</a>
Decimal	<a href="#">12776786</a>
CIELab	<a href="#">90.50, -38.82, 70.03</a>
CIELCh	<a href="#">90, 80.072, 119.002</a>
Yxy	<a href="#">77.3833, 0.3670, 0.5033</a>
Android (android.graphics.Color)	<a href="#">4290966866</a> ( <a href="#">0xFFC2F552</a> )
YUV	<a href="#">211.1690, -63.6803, -15.0572</a>
Hunter-Lab	<a href="#">87.9678, -39.4518, 48.1344</a>

# Details

The YUV color **211.1690, -63.6803, -15.0572** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **115.8310, 63.6803, 15.0572**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.1780, -50.3738, 10.3679**, and **152.5190, -71.2479, -14.4872** is the 20% darker color. If you saturate the color by 10%, you get **206.0410, -72.9842, -17.5760**, and if you desaturate by 10%, it is **216.4110, -53.9396, -12.6384**.

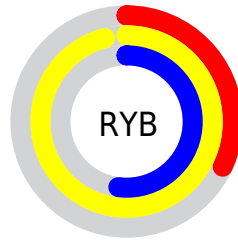
# Distribution



Red (76%)

Green (96%)

Blue (32%)



Red (32%)

Yellow (96%)

Blue (52%)

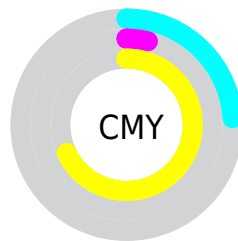


Cyan (21%)

Magenta (0%)

Yellow (67%)

Black (4%)



Cyan (24%)

Magenta (4%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 211.1690, -63.6803, -15.0572 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 211.1690, -63.6803, -15.0572 by changing the saturation by 10% instead.



211.1690,  
-63.6803, -15.0572

211.1690,  
-63.6803, -15.0572

255.0000, 0.0000,  
0.0000

182.0550,  
-64.1171, -14.9572

241.1780,  
-50.3738, 10.3679

152.5190,  
-71.2479, -14.4872

244.9680,  
-38.4382, 8.7981

126.7990,  
-62.5119, -16.4867

248.2740,  
-25.7711, 5.8987

103.1650,  
-50.8603, -20.3157

251.5800,  
-13.1039, 2.9993

79.5310, -39.2088,  
-24.1447

54.0920, -26.6674,  
-33.4067

35.8070, -17.6529,

-31.4027

■ 23.4800, -11.5756,  
-20.5920

■ 1.7610, -0.8682,  
-1.5444

■ 211.1690,  
-63.6803, -15.0572

■ 211.1690,  
-63.6803, -15.0572

■ 206.0410,  
-72.9842, -17.5760

■ 216.4110,  
-53.9396, -12.6384

■ 201.0980,  
-82.8723, -19.3799

■ 221.2400,  
-44.4883, -10.7345

■ 195.9700,  
-92.1762, -21.8987

■ 226.4820,  
-34.7476, -8.3157

■ 194.0470,  
-95.6652, -22.8432

■ 231.6100,  
-25.4437, -5.7970

236.5530,  
-15.5556, -3.9930

241.6810, -6.2517,  
-1.4742

246.9230, 3.4890,  
0.9445

249.1300, 2.8939,  
5.1480

# Harmonies

## Analogous

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



213.8720, -76.3519, 36.0693



211.1690, -63.6803, -15.0572



190.1350, -22.2516, -96.5884

# Triad

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



211.1690, -63.6803, -15.0572



178.7550, 37.5888, -156.7681



194.4930, 19.4770, 53.0646

# Complementary

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



211.1690, -63.6803, -15.0572



115.8310, 63.6803, 15.0572

# 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.



208.6270, 22.8619, 40.6691



211.1690, -63.6803, -15.0572



168.1890, 42.7978, -147.5018

# Square

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



211.1690, -63.6803, -15.0572



178.7550, 37.5888, -156.7681



218.7290, 17.8816, 4.6227



191.1120, -16.3242, 56.0298



# Rectangle

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



211.1690, -63.6803, -15.0572



172.0290, 11.8177, -150.8694



218.7290, 17.8816, 4.6227



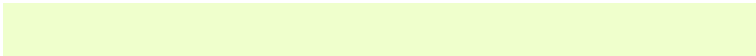
199.2350, 27.4921, 48.9059

# Sweetspot

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



211.1690, -63.6803, -15.0572



244.4020, -19.9182, -4.7376



159.5000, -38.2075, 74.9835



121.4760, -12.0667, -3.0485



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.



211.1690, -63.6803, -15.0572



212.6080, -79.6727, -18.9502



187.5480, -52.0352, -63.6246



119.7350, -4.7994, -0.6446



147.4540, -72.6948, -17.0612



46.5930, -22.9703, -5.7821



# Inverse Universe

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



115.8310, 63.6803, 15.0572



93.3920, 79.6727, 18.9502



139.4520, 52.0352, 63.6246



112.5640, 4.6519, 1.2594



38.5460, 72.6948, 17.0612

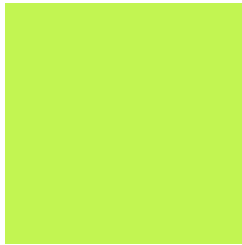


12.1080, 23.1178, 5.1673



# Previews

## White Background



This preview shows how the YUV color 211.1690, -63.6803, -15.0572 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 211.1690, -63.6803, -15.0572 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

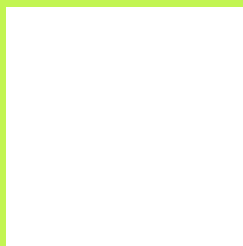
Any Text WCAG AAA ✓ Pass

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

# YUV 211.1690, -63.6803, -15.0572 Background



This preview shows how black text looks on a background with the YUV color 211.1690, -63.6803, -15.0572.



This preview shows how white text looks on a background with the YUV color 211.1690, -63.6803, -15.0572.

-15.0572.

# 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

211.1690, -63.6803, -15.0572

### Protanopia

217.9730, -69.4997, 31.5957

### Deuteranopia

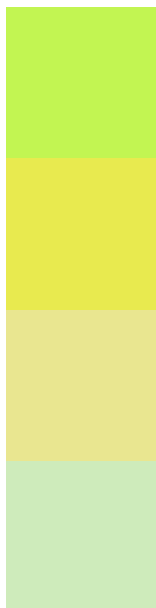
226.9650, -23.6467, 24.5867



## Tritanopia

226.2680, 10.2209, -11.6360

# Trichromacy



## Original Color

211.1690, -63.6803, -15.0572

## Protanomaly

215.7320, -67.4089, 14.2670

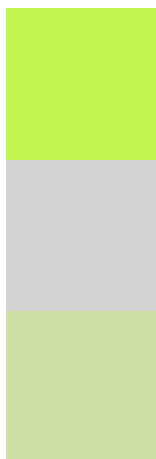
## Deuteranomaly

221.0930, -38.0068, 10.4424

## Tritanomaly

220.8570, -16.6915, -13.0296

# Monochromacy



## Original Color

211.1690, -63.6803, -15.0572

## Achromatopsia

211.0000, 0.0000, 0.0000

## Achromatomaly

210.8920, -23.1178, -5.1673

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 211.1690, -63.6803, -15.0572 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(194, 245, 82)` looks like.

```
.text, #text, p{  
    color:rgb(194, 245, 82)  
}
```

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(194, 245, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 245, 82) }
```

## Border

The CSS property to change the border of an element to YUV 211.1690, -63.6803, -15.0572 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(194, 245, 82) }
```



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

```
.border{ border-color:rgb(194, 245, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 245, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 245, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 245, 82);  
box-shadow:4px 4px 4px 4px rgb(194, 245,  
82) }
```

# Background

The CSS property to change the background color of an element to YUV 211.1690, -63.6803, -15.0572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 245, 82) }
```

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

```
.background{ background-color: rgb(194,  
245, 82) }
```

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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