

# Converting Colors

YUV(201.7560, -66.9277,  
46.6950)

Have a look what the booklet for  
YUV(201.7560, -66.9277, 46.6950)  
contains.

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# Color

**YUV(201.7560, -66.9277,  
46.6950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC942
RGB	255, 201, 66
RGB Percent	100%, 79%, 26%
CMY	0.0000, 0.2118, 0.7412
CMYK	0.00, 0.21, 0.74, 0.00
HSL	43°, 100%, 63%
HSV	43°, 74%, 100%
XYZ	63.1100, 63.4266, 14.0706
YIQ	201.7560, 75.5190, -30.5370

# Conversions

## Conversions Part 2

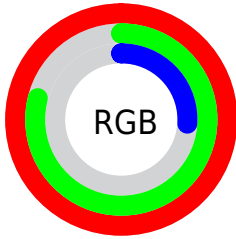
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 255, 66
Decimal	16763202
CIE Lab	83.67, 6.61, 70.72
CIE LCh	84, 71.032, 84.662
Yxy	63.4266, 0.4488, 0.4511
Android (android.graphics.Color)	4294953282 (0xFFFFC942)
YUV	201.7560, -66.9277, 46.6950
Hunter-Lab	79.6408, 2.0778, 45.2735

# Details

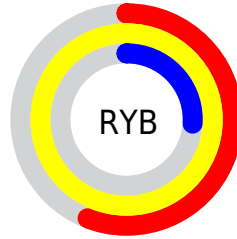
The YUV color **201.7560, -66.9277, 46.6950** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **119.2440, 66.9277, -46.6950**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.8380, -58.0941, 13.2971**, and **144.2950, -71.1374, 43.5913** is the 20% darker color. If you saturate the color by 10%, you get **194.6830, -76.2587, 52.8980**, and if you desaturate by 10%, it is **208.7150, -58.0335, 40.5919**.

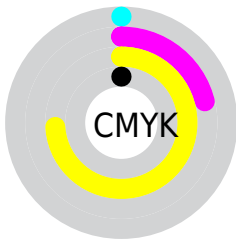
# Distribution



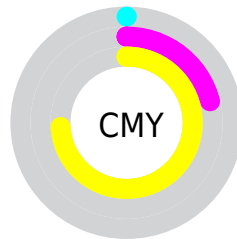
- Red (100%)
- Green (79%)
- Blue (26%)



- Red (56%)
- Yellow (100%)
- Blue (26%)



- Cyan (0%)
- Magenta (21%)
- Yellow (74%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 201.7560, -66.9277, 46.6950 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 201.7560, -66.9277, 46.6950 by changing the saturation by 10% instead.



201.7560,  
-66.9277, 46.6950

201.7560,  
-66.9277, 46.6950

255.0000, 0.0000,  
0.0000

172.9900,  
-68.5221, 44.7358

239.8380,  
-58.0941, 13.2971

144.2950,  
-71.1374, 43.5913

243.0300,  
-45.8638, 10.4977

120.6500,  
-59.4804, 38.0180

246.2220,  
-33.6334, 7.6983

97.3040, -47.9709,  
33.0594

249.5280,  
-20.9663, 4.7989

75.1320, -37.0401,  
27.0712

252.8340, -8.2992,  
1.8996

53.8460, -26.5461,  
21.1831

33.7450, -16.6363,

16.0096

■ 13.0680, -6.4425,  
13.0954

■ 0.0000, 0.0000,  
0.0000

■ 201.7560,  
-66.9277, 46.6950

■ 201.7560,  
-66.9277, 46.6950

■ 194.6830,  
-76.2587, 52.8980

■ 208.7150,  
-58.0335, 40.5919

■ 187.1370,  
-84.8635, 59.5159

■ 216.3750,  
-48.9919, 33.8741

■ 183.0790,  
-90.2579, 63.0747

■ 223.4480,  
-39.6609, 27.6711

■ 230.4070,  
-30.7667, 21.5681

■ 237.4800,  
-21.4356, 15.3650

■ 245.0260,  
-12.8308, 8.7472

■ 251.9850, -3.9366,  
2.6442

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.



190.3700, -44.5524, 56.6805



201.7560, -66.9277, 46.6950



195.4290, -57.8925, -4.7612

# Triad

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



201.7560, -66.9277, 46.6950



170.5370, 41.6403, -149.5609



203.9310, 25.1770, 44.7875

# Complementary

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



201.7560, -66.9277, 46.6950



119.2440, 66.9277, -46.6950

# 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.



200.9320, 26.6555, -9.5874



201.7560, -66.9277, 46.6950



166.4280, 43.6660, -145.9574

# Square

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



201.7560, -66.9277, 46.6950



162.9960, 15.2850, -142.9475



158.2100, 47.7175, -138.7502



189.1300, 16.6979, 57.7680



# Rectangle

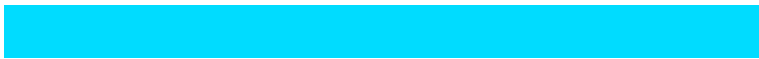
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



201.7560, -66.9277, 46.6950



189.1710, -40.0173, -44.8770



158.2100, 47.7175, -138.7502



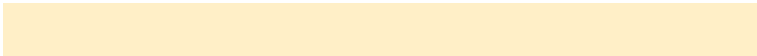
209.2140, 22.5725, 40.1543

# Sweetspot

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



201.7560, -66.9277, 46.6950



239.2240, -19.8304, 13.8356



129.0090, -2.9624, 110.4941



118.2540, -11.9572, 8.5472



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.



201.7560, -66.9277, 46.6950



190.9670, -80.3427, 56.1569



222.0920, -76.9534, -4.4657



124.1700, -4.5208, 3.3589



137.5280, -67.8013, 46.8949



46.1380, -22.7460, 15.6650



# Inverse Universe

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



119.2440, 66.9277, -46.6950



92.0330, 80.3427, -56.1569



98.9080, 76.9534, 4.4657



118.2430, 4.8102, -2.8441



54.0590, 67.5119, -47.4097



17.8620, 22.7460, -15.6650



# Previews

## White Background



This preview shows how the YUV color 201.7560, -66.9277, 46.6950 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 201.7560, -66.9277, 46.6950 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 201.7560, -66.9277, 46.6950 Background



This preview shows how black text looks on a background with the YUV color 201.7560, -66.9277, 46.6950.



This preview shows how white text looks on a background with the YUV color 201.7560, -66.9277,



# 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

201.7560, -66.9277, 46.6950

### Protanopia

200.4010, -65.2737, 29.4663

### Deuteranopia

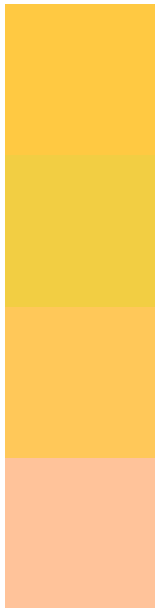
205.2730, -50.9136, 43.6106



## Tritanopia

212.2050, -4.0451, 37.5312

# Trichromacy



## Original Color

201.7560, -66.9277, 46.6950

## Protanomaly

200.9180, -66.0216, 36.0289

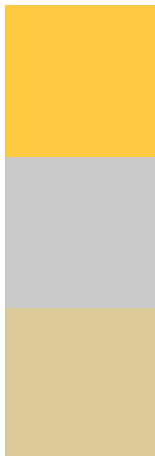
## Deuteranomaly

203.7910, -56.5920, 44.9103

## Tritanomaly

208.2660, -26.7531, 40.9857

# Monochromacy



## Original Color

201.7560, -66.9277, 46.6950

## Achromatopsia

202.0000, 0.0000, 0.0000

## Achromatomaly

202.0950, -24.2038, 16.5797

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 201.7560, -66.9277, 46.6950 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(255, 201, 66)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 66)  
}
```

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(255, 201, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 66) }
```

## Border

The CSS property to change the border of an element to YUV 201.7560, -66.9277, 46.6950 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(255, 201, 66) }
```



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

```
.border{ border-color:rgb(255, 201, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 66);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
66) }
```

# Background

The CSS property to change the background color of an element to YUV 201.7560, -66.9277, 46.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 66) }
```

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

```
.background{ background-color: rgb(255,  
201, 66) }
```

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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