

# Converting Colors

YUV(211.7820, -46.2345,  
36.1482)

Have a look what the booklet for  
YUV(211.7820, -46.2345, 36.1482)  
contains.

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# Color

**YUV(211.7820, -46.2345,  
36.1482)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDD176
RGB	253, 209, 118
RGB Percent	99%, 82%, 46%
CMY	0.0078, 0.1804, 0.5373
CMYK	0.00, 0.17, 0.53, 0.01
HSL	40°, 97%, 73%
HSV	40°, 53%, 99%
XYZ	66.5785, 67.7916, 26.7156
YIQ	211.7820, 55.4350, -18.9730

# Conversions

## Conversions Part 2

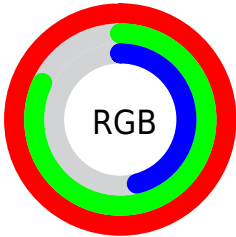
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 253, 118
Decimal	16634230
CIE <sub>Lab</sub>	85.90, 4.82, 50.49
CIE <sub>LCh</sub>	86, 50.715, 84.546
Yxy	67.7916, 0.4133, 0.4208
Android (android.graphics.Color)	4294824310 (0xFFFD176)
YUV	211.7820, -46.2345, 36.1482
Hunter-Lab	82.3356, 0.2518, 38.3970

# Details

The YUV color  $211.7820, -46.2345, 36.1482$  is a light color, and the websafe version is hex  $\text{FFCC66}$ . A complement of this color would be  $159.2180, 46.2345, -36.1482$ , and the grayscale version is  $212.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $245.5380, -36.2542, 8.2982$ , and  $156.5150, -44.6239, 32.8743$  is the 20% darker color. If you saturate the color by 10%, you get  $204.2360, -54.8393, 42.7660$ , and if you desaturate by 10%, it is  $219.3280, -37.6297, 29.5303$ .

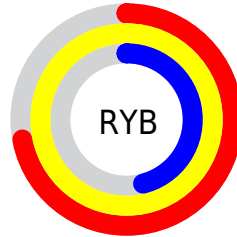
# Distribution



Red (99%)

Green (82%)

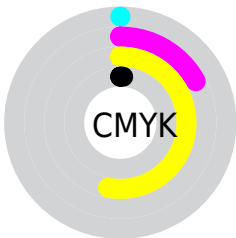
Blue (46%)



Red (72%)

Yellow (99%)

Blue (46%)

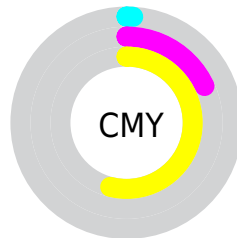


Cyan (0%)

Magenta (17%)

Yellow (53%)

Black (1%)



Cyan (1%)

Magenta (18%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 211.7820, -46.2345, 36.1482 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 211.7820, -46.2345, 36.1482 by changing the saturation by 10% instead.



211.7820,  
-46.2345, 36.1482

211.7820,  
-46.2345, 36.1482

255.0000, 0.0000,  
0.0000

183.9990,  
-45.3555, 34.2039

245.5380,  
-36.2542, 8.2982

156.5150,  
-44.6239, 32.8743

248.7300,  
-24.0239, 5.4988

129.7320,  
-43.7449, 30.9300

251.9220,  
-11.7935, 2.6994

103.1510,  
-45.9234, 29.6856

79.5510, -39.2186,  
25.8268

57.9770, -28.5827,  
21.0682

37.8760, -18.6729,

15.8947

■ 18.6610, -9.1999,  
10.8213

■ 0.0000, 0.0000,  
0.0000

■ 211.7820,  
-46.2345, 36.1482

■ 211.7820,  
-46.2345, 36.1482

■ 204.2360,  
-54.8393, 42.7660

■ 219.3280,  
-37.6297, 29.5303

■ 196.5760,  
-63.8810, 49.4838

■ 226.9880,  
-28.5881, 22.8125

■ 188.4430,  
-72.1964, 56.6165

■ 235.1210,  
-20.2727, 15.6799

■ 180.8970,  
-80.8012, 63.2343

■ 242.6670,  
-11.6678, 9.0620

176.0240,  
-86.7798, 67.5080

250.3270, -2.6262,  
2.3442

254.4020, 0.2948,  
-1.2296

# Harmonies

## Analogous

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



204.6810, -32.8737, 44.1298



211.7820, -46.2345, 36.1482



207.0330, -40.4423, -1.7829

# Triad

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



211.7820, -46.2345, 36.1482



169.1350, 41.3454, -148.3314



215.6710, 19.3892, 34.4915

# Complementary

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



211.7820, -46.2345, 36.1482



159.2180, 46.2345, -36.1482

# 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.



211.5860, 21.4031, -4.8989



211.7820, -46.2345, 36.1482



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.



211.7820, -46.2345, 36.1482



185.3760, 9.1816, -98.5538



195.5630, 29.3024, -65.3918



205.9080, 9.9054, 43.0537



# Rectangle

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



211.7820, -46.2345, 36.1482



202.2450, -28.7148, -30.0329



195.5630, 29.3024, -65.3918



217.3990, 18.5373, 27.7141

# Sweetspot

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



211.7820, -46.2345, 36.1482



242.6950, -14.1466, 10.7915



163.4950, -0.2440, 78.4959



120.4540, -8.6048, 6.6178



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.



211.7820, -46.2345, 36.1482



205.3070, -55.8604, 43.5808



231.0320, -55.7248, -0.0281



123.5830, -4.2314, 3.8737



132.8320, -65.4862, 51.0133



44.3770, -21.8779, 17.2094



# Inverse Universe

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



159.2180, 46.2345, -36.1482



141.6930, 55.8604, -43.5808



139.9680, 55.7248, 0.0281



118.8300, 4.5208, -3.3589



58.1680, 65.4862, -51.0133



19.6230, 21.8779, -17.2094



# Previews

## White Background



This preview shows how the YUV color 211.7820, -46.2345, 36.1482 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 211.7820, -46.2345, 36.1482 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 211.7820, -46.2345, 36.1482 Background



This preview shows how black text looks on a background with the YUV color 211.7820, -46.2345, 36.1482.



This preview shows how white text looks on a background with the YUV color 211.7820, -46.2345, 36.1482.



# 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

211.7820, -46.2345, 36.1482

### Protanopia

210.4490, -44.5914, 22.4082

### Deuteranopia

213.9420, -35.4674, 36.0079



## Tritanopia

218.5140, -2.7184, 31.9982

# Trichromacy



## Original Color

211.7820, -46.2345, 36.1482

## Protanomaly

210.9550, -45.3338, 27.2265

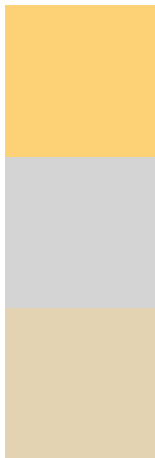
## Deuteranomaly

213.2040, -39.5406, 35.7781

## Tritanomaly

215.9860, -18.7271, 33.3383

# Monochromacy



## Original Color

211.7820, -46.2345, 36.1482

## Achromatopsia

212.0000, 0.0000, 0.0000

## Achromatomaly

212.0220, -16.7728, 13.1357

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 211.7820, -46.2345, 36.1482 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(253, 209, 118)` looks like.

```
.text, #text, p{  
    color:rgb(253, 209, 118)  
}
```

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(253, 209, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 209, 118) }
```

## Border

The CSS property to change the border of an element to YUV 211.7820, -46.2345, 36.1482 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(253, 209, 118) }
```



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

```
.border{ border-color:rgb(253, 209, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 209, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 209, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 209, 118);  
box-shadow:4px 4px 4px 4px rgb(253, 209,  
118) }
```

# Background

The CSS property to change the background color of an element to YUV 211.7820, -46.2345, 36.1482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 209, 118) }
```

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

```
.background{ background-color: rgb(253,  
209, 118) }
```

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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