

# Converting Colors

YUV(201.4780, -65.3117,  
41.6768)

Have a look what the booklet for  
YUV(201.4780, -65.3117, 41.6768)  
contains.

<b>YUV(201.4780, -65.3117, 41.6768)</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(201.4780, -65.3117,  
41.6768)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9CB45
RGB	249, 203, 69
RGB Percent	98%, 80%, 27%
CMY	0.0235, 0.2039, 0.7294
CMYK	0.00, 0.18, 0.72, 0.02
HSL	45°, 94%, 62%
HSV	45°, 72%, 98%
XYZ	61.4970, 63.2813, 14.6035
YIQ	201.4780, 70.4300, -31.9220

# Conversions

## Conversions Part 2

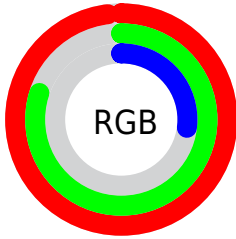
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 249, 69
Decimal	16370501
CIE <sub>Lab</sub>	83.59, 3.19, 69.33
CIE <sub>LCh</sub>	84, 69.405, 87.367
Yxy	63.2813, 0.4412, 0.4540
Android (android.graphics.Color)	4294560581 (0xFFFF9CB45)
YUV	201.4780, -65.3117, 41.6768
Hunter-Lab	79.5495, -1.2194, 44.8004

# Details

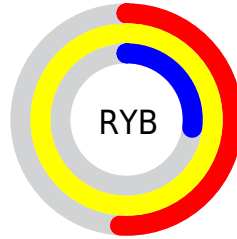
The YUV color **201.4780, -65.3117, 41.6768** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **116.5220, 65.3117, -41.6768**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.1800, -56.7837, 12.9971**, and **143.6750, -70.8318, 38.8730** is the 20% darker color. If you saturate the color by 10%, you get **195.1060, -74.4953, 47.2650**, and if you desaturate by 10%, it is **207.8500, -56.1280, 36.0886**.

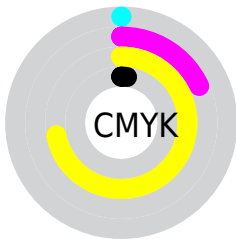
# Distribution



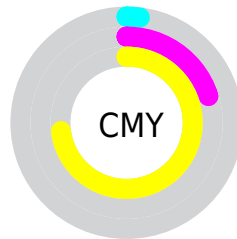
- Red (98%)
- Green (80%)
- Blue (27%)



- Red (51%)
- Yellow (98%)
- Blue (27%)



- Cyan (0%)
- Magenta (18%)
- Yellow (72%)
- Black (2%)



- Cyan (2%)
- Magenta (20%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 201.4780, -65.3117, 41.6768 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 201.4780, -65.3117, 41.6768 by changing the saturation by 10% instead.



201.4780,  
-65.3117, 41.6768

201.4780,  
-65.3117, 41.6768

255.0000, 0.0000,  
0.0000

172.8260,  
-66.4692, 39.6176

240.1800,  
-56.7837, 12.9971

143.6750,  
-70.8318, 38.8730

243.3720,  
-44.5534, 10.1978

120.3290,  
-59.3222, 33.9145

246.5640,  
-32.3231, 7.3984

96.9830, -47.8126,  
28.9559

249.8700,  
-19.6559, 4.4990

74.8110, -36.8818,  
22.9678

253.1760, -6.9888,  
1.5996

53.2370, -26.2458,  
18.2092

33.1360, -16.3360,

13.0357

■ 12.7470, -6.2843,  
8.9919

■ 0.0000, 0.0000,  
0.0000

■ 201.4780,  
-65.3117, 41.6768

■ 201.4780,  
-65.3117, 41.6768

■ 195.1060,  
-74.4953, 47.2650

■ 207.8500,  
-56.1280, 36.0886

■ 188.1470,  
-83.3895, 53.3681

■ 214.8090,  
-47.2338, 29.9855

■ 183.0460,  
-90.2417, 57.8417

■ 221.1810,  
-38.0502, 24.3973

■ 227.5530,  
-28.8666, 18.8090

■ 234.5120,  
-19.9724, 12.7060

■ 240.7700,  
-11.2256, 7.2177

■ 247.7290, -2.3314,  
1.1147

■ 252.6190, 1.1738,  
-3.1739

■ 253.2060, 0.8844,  
-3.6887

# Harmonies

## Analogous

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



191.9030, -46.2942, 55.3361



201.4780, -65.3117, 41.6768



195.2050, -54.8241, -8.9498

# Triad

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



201.4780, -65.3117, 41.6768



169.9500, 41.9297, -149.0461



203.3440, 25.4664, 45.3023

# Complementary

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



201.4780, -65.3117, 41.6768



116.5220, 65.3117, -41.6768

# 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.



202.4600, 25.9022, -1.2804



201.4780, -65.3117, 41.6768



165.8410, 43.9554, -145.4426

# Square

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



201.4780, -65.3117, 41.6768



163.6800, 17.9058, -143.5474



156.4490, 48.5856, -137.2058



189.0330, 13.7877, 57.8531



# Rectangle

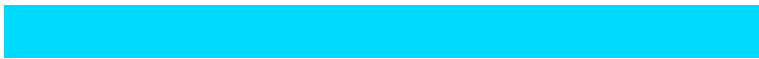
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



201.4780, -65.3117, 41.6768



187.8760, -35.9279, -49.8803



156.4490, 48.5856, -137.2058



208.0400, 23.1513, 41.1839

# Sweetspot

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



201.4780, -65.3117, 41.6768



240.3980, -20.4092, 12.8060



128.2920, -5.5670, 105.8609



118.8410, -12.2466, 8.0324



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.



201.4780, -65.3117, 41.6768



196.2330, -80.4739, 51.5387



215.9220, -72.4325, -7.8246



121.7570, -4.8102, 2.8441



138.6910, -68.3747, 44.1210



45.2410, -22.3038, 13.8206



# Inverse Universe

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



116.5220, 65.3117, -41.6768



91.7670, 80.4739, -51.5387



102.0780, 72.4325, 7.8246



115.8300, 4.5208, -3.3589



49.7220, 68.6641, -43.6062



16.3460, 22.0144, -14.3354



# Previews

## White Background



This preview shows how the YUV color 201.4780, -65.3117, 41.6768 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 201.4780, -65.3117, 41.6768 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 201.4780, -65.3117, 41.6768

## Background



This preview shows how black text looks on a background with the YUV color 201.4780, -65.3117, 41.6768.



This preview shows how white text looks on a background with the YUV color 201.4780, -65.3117, 41.6768.

41.6768.

# 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

201.4780, -65.3117, 41.6768

### Protanopia

200.4440, -63.8159, 28.5516

### Deuteranopia

204.5720, -51.0610, 44.2254



## Tritanopia

212.3190, -3.6083, 37.4312

# Trichromacy



## Original Color

201.4780, -65.3117, 41.6768

## Protanomaly

200.9500, -64.5583, 33.3699

## Deuteranomaly

203.1930, -56.2971, 43.6807

## Tritanomaly

208.4830, -25.8741, 39.0414

# Monochromacy



## Original Color

201.4780, -65.3117, 41.6768

## Achromatopsia

201.0000, 0.0000, 0.0000

## Achromatomaly

201.1980, -23.7616, 14.7354

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 201.4780, -65.3117, 41.6768 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(249, 203, 69)` looks like.

```
.text, #text, p{  
    color:rgb(249, 203, 69)  
}
```

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(249, 203, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 203, 69) }
```

## Border

The CSS property to change the border of an element to YUV 201.4780, -65.3117, 41.6768 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(249, 203, 69) }
```



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

```
.border{ border-color:rgb(249, 203, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 203, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 203, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 203, 69);  
box-shadow:4px 4px 4px 4px rgb(249, 203,  
69) }
```

# Background

The CSS property to change the background color of an element to YUV 201.4780, -65.3117, 41.6768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 203, 69) }
```

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

```
.background{ background-color: rgb(249,  
203, 69) }
```

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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