

# Converting Colors

YUV(214.6310, -50.5971,  
35.4036)

Have a look what the booklet for  
YUV(214.6310, -50.5971, 35.4036)  
contains.

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# Color

**YUV(214.6310, -50.5971,  
35.4036)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD670
RGB	255, 214, 112
RGB Percent	100%, 84%, 44%
CMY	0.0000, 0.1608, 0.5608
CMYK	0.00, 0.16, 0.56, 0.00
HSL	43°, 100%, 72%
HSV	43°, 56%, 100%
XYZ	68.2112, 70.5230, 25.3464
YIQ	214.6310, 57.1780, -23.0300

# Conversions

## Conversions Part 2

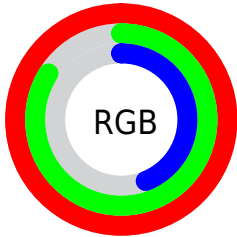
Format	Color
<a href="#">RYB</a>	<a href="#">169, 255, 112</a>
Decimal	<a href="#">16766576</a>
CIELab	<a href="#">87.25, 2.60, 54.99</a>
CIELCh	<a href="#">87, 55.052, 87.294</a>
Yxy	<a href="#">70.5230, 0.4157, 0.4298</a>
Android (android.graphics.Color)	<a href="#">4294956656</a> (0xFFFFD670)
YUV	<a href="#">214.6310, -50.5971, 35.4036</a>
Hunter-Lab	<a href="#">83.9780, -1.9746, 40.8895</a>

# Details

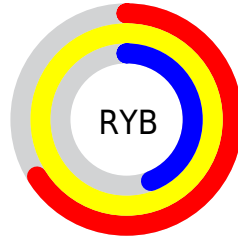
The YUV color **214.6310, -50.5971, 35.4036** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **152.3690, 50.5971, -35.4036**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.8540, -38.8750, 8.8980**, and **159.0650, -48.8390, 31.5150** is the 20% darker color. If you saturate the color by 10%, you get **207.6720, -59.4913, 41.5067**, and if you desaturate by 10%, it is **221.7040, -41.2661, 29.2006**.

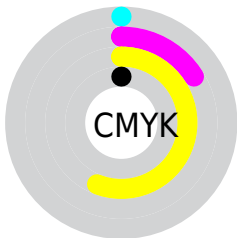
# Distribution



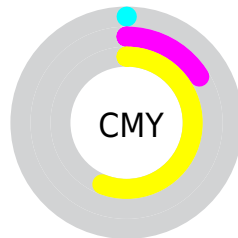
- Red (100%)
- Green (84%)
- Blue (44%)



- Red (66%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (16%)
- Yellow (56%)
- Black (0%)



- Cyan (0%)
- Magenta (16%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 214.6310, -50.5971, 35.4036 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 214.6310, -50.5971, 35.4036 by changing the saturation by 10% instead.



214.6310,  
-50.5971, 35.4036

214.6310,  
-50.5971, 35.4036

255.0000, 0.0000,  
0.0000

186.2610,  
-49.4287, 33.9741

244.8540,  
-38.8750, 8.8980

159.0650,  
-48.8390, 31.5150

248.0460,  
-26.6447, 6.0987

131.9400,  
-49.2704, 29.8706

251.3520,  
-13.9775, 3.1993

104.6580,  
-51.5964, 29.2409

254.6580, -1.3104,  
0.2999

82.1980, -40.5236,  
24.3824

61.2110, -30.1770,  
19.1090

40.5230, -19.9778,

14.4503

■ 21.3080, -10.5048,  
9.3769

■ 0.0000, 0.0000,  
0.0000

■ 214.6310,  
-50.5971, 35.4036

■ 214.6310,  
-50.5971, 35.4036

■ 207.6720,  
-59.4913, 41.5067

■ 221.7040,  
-41.2661, 29.2006

■ 200.0120,  
-68.5329, 48.2245

■ 229.2500,  
-32.6613, 22.5828

■ 192.9390,  
-77.8639, 54.4275

■ 236.3230,  
-23.3302, 16.3797

■ 185.9800,  
-86.7581, 60.5305

■ 243.2820,  
-14.4360, 10.2767

183.0790,  
-90.2579, 63.0747

250.9420, -5.3944,  
3.5589

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.



205.7580, -36.3627, 43.1852



214.6310, -50.5971, 35.4036



209.4300, -42.6100, -6.5161

# Triad

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



214.6310, -50.5971, 35.4036



172.8850, 40.4827, -151.6201



215.0840, 19.6786, 35.0063

# Complementary

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



214.6310, -50.5971, 35.4036



152.3690, 50.5971, -35.4036

# 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.



215.1630, 19.6396, 0.7340



214.6310, -50.5971, 35.4036



168.7760, 42.5084, -148.0166

# Square

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



214.6310, -50.5971, 35.4036



176.6540, 17.4256, -129.4926



197.3240, 28.4343, -66.9361



205.3210, 10.1947, 43.5685



# Rectangle

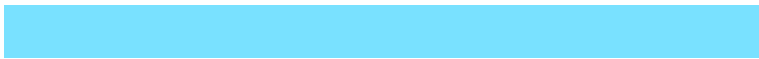
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



214.6310, -50.5971, 35.4036



204.0870, -29.1299, -36.9103



197.3240, 28.4343, -66.9361



218.6060, 17.9422, 31.9175

# Sweetspot

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



214.6310, -50.5971, 35.4036



243.0540, -15.3096, 10.4766



159.6590, -2.2969, 83.6141



120.3400, -9.0416, 6.7178



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.



214.6310, -50.5971, 35.4036



206.7430, -60.5123, 42.3214



230.0270, -58.1873, -3.5317



124.1700, -4.5208, 3.3589



136.9410, -67.5119, 47.4097



45.5510, -22.4566, 16.1798



# Inverse Universe

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



152.3690, 50.5971, -35.4036



132.2570, 60.5123, -42.3214



136.9730, 58.1873, 3.5317



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 214.6310, -50.5971, 35.4036 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

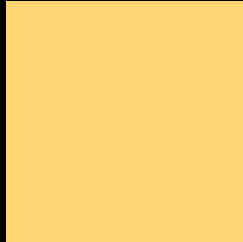
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 214.6310, -50.5971, 35.4036 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 214.6310, -50.5971, 35.4036 Background



This preview shows how black text looks on a background with the YUV color 214.6310, -50.5971, 35.4036.



This preview shows how white text looks on a background with the YUV color 214.6310, -50.5971, 35.4036.



# 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

214.6310, -50.5971, 35.4036

### Protanopia

213.6080, -49.1067, 24.0228

### Deuteranopia

218.2450, -31.6728, 32.2341



## Tritanopia

222.0190, -1.9814, 28.9243

# Trichromacy



## Original Color

214.6310, -50.5971, 35.4036

## Protanomaly

213.8150, -49.7018, 28.2262

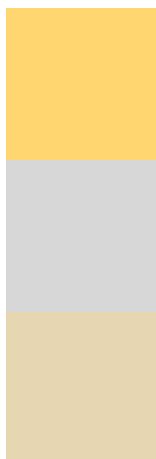
## Deuteranomaly

217.1220, -38.5141, 33.2190

## Tritanomaly

219.3340, -19.8847, 31.2791

# Monochromacy



## Original Color

214.6310, -50.5971, 35.4036

## Achromatopsia

215.0000, 0.0000, 0.0000

## Achromatomaly

215.2670, -18.3726, 12.9208

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 214.6310, -50.5971, 35.4036 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, 214, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 112)  
}
```

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, 214, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 112) }
```

## Border

The CSS property to change the border of an element to YUV 214.6310, -50.5971, 35.4036 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, 214, 112) }
```



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

```
.border{ border-color:rgb(255, 214, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
112) }
```

# Background

The CSS property to change the background color of an element to YUV 214.6310, -50.5971, 35.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 112) }
```

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

```
.background{ background-color: rgb(255,  
214, 112) }
```

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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