

# Converting Colors

YUV(215.1210, -53.7967,  
34.9739)

Have a look what the booklet for  
YUV(215.1210, -53.7967, 34.9739)  
contains.

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# Color

**YUV(215.1210, -53.7967,  
34.9739)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD86A
RGB	255, 216, 106
RGB Percent	100%, 85%, 42%
CMY	0.0000, 0.1529, 0.5843
CMYK	0.00, 0.15, 0.58, 0.00
HSL	44°, 100%, 71%
HSV	44°, 58%, 100%
XYZ	68.3974, 71.4123, 23.8147
YIQ	215.1210, 58.5540, -25.9420

# Conversions

## Conversions Part 2

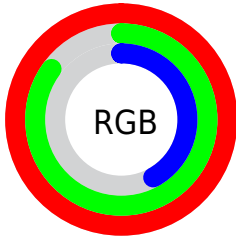
Format	Color
<a href="#">RYB</a>	<a href="#">159, 255, 106</a>
Decimal	<a href="#">16767082</a>
CIELab	<a href="#">87.68, 1.14, 58.27</a>
CIElCh	<a href="#">88, 58.277, 88.876</a>
Yxy	<a href="#">71.4123, 0.4180, 0.4364</a>
Android (android.graphics.Color)	<a href="#">4294957162 (0xFFFFD86A)</a>
YUV	<a href="#">215.1210, -53.7967, 34.9739</a>
Hunter-Lab	<a href="#">84.5058, -3.4107, 42.4455</a>

# Details

The YUV color  $215.1210, -53.7967, 34.9739$  is a light color, and the websafe version is hex  $\text{FFCC66}$ . A complement of this color would be  $145.8790, 53.7967, -34.9739$ , and the grayscale version is  $216.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $244.1700, -41.4958, 9.4979$ , and  $158.8540, -52.1860, 31.7000$  is the 20% darker color. If you saturate the color by 10%, you get  $208.1620, -62.6909, 41.0769$ , and if you desaturate by 10%, it is  $222.1940, -44.4656, 28.7709$ .

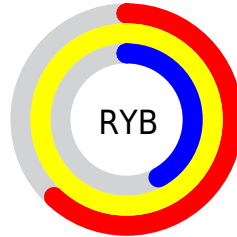
# Distribution



Red (100%)

Green (85%)

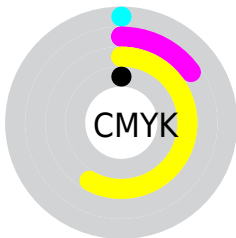
Blue (42%)



Red (62%)

Yellow (100%)

Blue (42%)

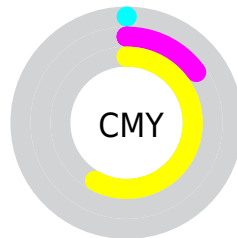


Cyan (0%)

Magenta (15%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 215.1210, -53.7967, 34.9739 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 215.1210, -53.7967, 34.9739 by changing the saturation by 10% instead.



215.1210,  
-53.7967, 34.9739

215.1210,  
-53.7967, 34.9739

255.0000, 0.0000,  
0.0000

186.6370,  
-53.0650, 33.6444

244.1700,  
-41.4958, 9.4979

158.8540,  
-52.1860, 31.7000

247.3620,  
-29.2655, 6.6985

131.3870,  
-53.9278, 30.3556

250.6680,  
-16.5983, 3.7992

105.8320,  
-52.1752, 28.2113

253.9740, -3.9312,  
0.8998

83.3720, -41.1024,  
23.3528

61.4990, -30.3190,  
17.9794

41.3980, -20.4092,

12.8060

■ 22.1830, -10.9362,  
7.7325

■ 0.0000, 0.0000,  
0.0000

■ 215.1210,  
-53.7967, 34.9739

■ 215.1210,  
-53.7967, 34.9739

■ 208.1620,  
-62.6909, 41.0769

■ 222.1940,  
-44.4656, 28.7709

■ 201.6760,  
-72.3113, 46.7651

■ 228.5660,  
-35.2820, 23.1826

■ 194.7170,  
-81.2055, 52.8682

■ 235.6390,  
-25.9510, 16.9796

■ 187.6440,  
-90.5365, 59.0712

■ 242.5980,  
-17.0568, 10.8766

■ 186.6010,  
-91.9943, 59.9859

■ 249.0840, -7.4364,  
5.1883

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.



205.6610, -39.2729, 43.2703



215.1210, -53.7967, 34.9739



209.2510, -44.4937, -8.9901

# Triad

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



215.1210, -53.7967, 34.9739



174.0590, 39.9039, -152.6497



213.9100, 20.2574, 36.0359

# Complementary

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



215.1210, -53.7967, 34.9739



145.8790, 53.7967, -34.9739

# 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.



216.0710, 19.1920, 4.3227



215.1210, -53.7967, 34.9739



169.9500, 41.9297, -149.0461

# Square

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



215.1210, -53.7967, 34.9739



170.2000, 22.5794, -149.2654



197.0140, 28.5871, -69.2953



203.9190, 9.8999, 44.7980



# Rectangle

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



215.1210, -53.7967, 34.9739



203.6410, -29.4030, -42.6582



197.0140, 28.5871, -69.2953



218.0190, 18.2316, 32.4323

# Sweetspot

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



215.1210, -53.7967, 34.9739



242.7120, -16.6200, 10.7766



155.1110, -4.4917, 87.6027



119.9980, -10.3520, 7.0178



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.



215.1210, -53.7967, 34.9739



207.1190, -64.1487, 41.9916



227.5490, -59.9237, -6.6205



124.1700, -4.5208, 3.3589



139.8760, -68.9589, 44.8357



46.7250, -23.0354, 15.1502



# Inverse Universe

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



145.8790, 53.7967, -34.9739



124.2940, 64.4381, -41.4768



133.4510, 59.9237, 6.6205



118.2430, 4.8102, -2.8441



51.1240, 68.9589, -44.8357



17.2750, 23.0354, -15.1502



# Previews

## White Background



This preview shows how the YUV color 215.1210, -53.7967, 34.9739 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

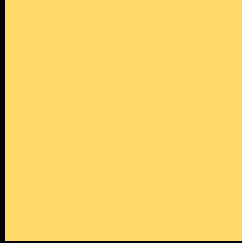
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 215.1210, -53.7967, 34.9739 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 215.1210, -53.7967, 34.9739

## Background



This preview shows how black text looks on a background with the YUV color 215.1210, -53.7967, 34.9739.



This preview shows how white text looks on a background with the YUV color 215.1210, -53.7967, 34.9739.



# 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

215.1210, -53.7967, 34.9739

### Protanopia

213.9950, -52.7485, 25.4374

### Deuteranopia

219.1740, -30.6518, 31.4194



## Tritanopia

223.3070, -2.1234, 27.7948

# Trichromacy



## Original Color

215.1210, -53.7967, 34.9739

## Protanomaly

214.6040, -53.0488, 28.4113

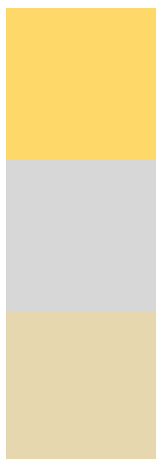
## Deuteranomaly

217.5950, -39.2403, 32.8042

## Tritanomaly

220.3940, -20.9002, 30.3495

# Monochromacy



## Original Color

215.1210, -53.7967, 34.9739

## Achromatopsia

215.0000, 0.0000, 0.0000

## Achromatomaly

214.9250, -19.6830, 13.2208

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 215.1210, -53.7967, 34.9739 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, 216, 106)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 106)  
}
```

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, 216, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 106) }
```

## Border

The CSS property to change the border of an element to YUV 215.1210, -53.7967, 34.9739 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, 216, 106) }
```



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

```
.border{ border-color:rgb(255, 216, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 106);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
106) }
```

# Background

The CSS property to change the background color of an element to YUV 215.1210, -53.7967, 34.9739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 106) }
```

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

```
.background{ background-color: rgb(255,  
216, 106) }
```

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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