

# Converting Colors

YUV(215.1330, -38.5196,  
34.9634)

Have a look what the booklet for  
YUV(215.1330, -38.5196, 34.9634)  
contains.

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# Color

**YUV(215.1330, -38.5196,  
34.9634)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD289
RGB	255, 210, 137
RGB Percent	100%, 82%, 54%
CMY	0.0000, 0.1765, 0.4627
CMYK	0.00, 0.18, 0.46, 0.00
HSL	37°, 100%, 77%
HSV	37°, 46%, 100%
XYZ	68.8020, 69.1593, 33.3897
YIQ	215.1330, 50.2530, -13.1630

# Conversions

## Conversions Part 2

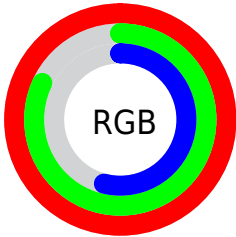
Format	Color
R <sub>Y</sub> B	210, 255, 137
Decimal	16765577
CIE Lab	86.58, 6.77, 42.00
CIE LCh	87, 42.540, 80.836
Yxy	69.1593, 0.4015, 0.4036
Android (android.graphics.Color)	4294955657 (0xFFFFD289)
YUV	215.1330, -38.5196, 34.9634
Hunter-Lab	83.1621, 2.1436, 34.4084

# Details

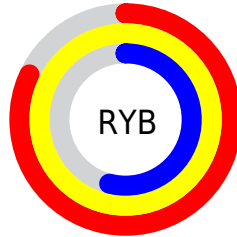
The YUV color  $215.1330, -38.5196, 34.9634$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $176.8670, 38.5196, -34.9634$ , and the grayscale version is  $215.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.7040, -27.9551, 6.3986$ , and  $159.9800, -36.4721, 31.5895$  is the 20% darker color. If you saturate the color by 10%, you get  $206.4130, -46.5456, 42.6108$ , and if you desaturate by 10%, it is  $223.9670, -30.0567, 27.2159$ .

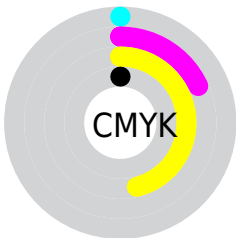
# Distribution



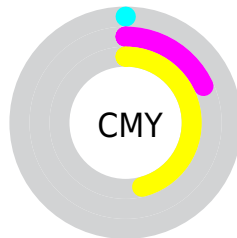
- Red (100%)
- Green (82%)
- Blue (54%)



- Red (82%)
- Yellow (100%)
- Blue (54%)



- Cyan (0%)
- Magenta (18%)
- Yellow (46%)
- Black (0%)



- Cyan (0%)
- Magenta (18%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 215.1330, -38.5196, 34.9634 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 215.1330, -38.5196, 34.9634 by changing the saturation by 10% instead.



215.1330,  
-38.5196, 34.9634

215.1330,  
-38.5196, 34.9634

255.0000, 0.0000,  
0.0000

186.7630,  
-37.3512, 33.5338

247.7040,  
-27.9551, 6.3986

159.9800,  
-36.4721, 31.5895

250.8960,  
-15.7247, 3.5992

133.4960,  
-35.7405, 30.2600

254.2020, -3.0576,  
0.6998

107.7130,  
-34.8615, 28.3157

82.1750, -35.5823,  
26.1565

59.7600, -29.4617,  
23.0125

39.0720, -19.2625,

18.3539

■ 19.8570, -9.7895,  
13.2804

■ 0.0000, 0.0000,  
0.0000

■ 215.1330,  
-38.5196, 34.9634

■ 215.1330,  
-38.5196, 34.9634

■ 206.4130,  
-46.5456, 42.6108

■ 223.9670,  
-30.0567, 27.2159

■ 198.1660,  
-55.2978, 49.8434

■ 232.1000,  
-21.7413, 20.0833

■ 189.3320,  
-63.7607, 57.5908

■ 240.9340,  
-13.2785, 12.3359

■ 180.6120,  
-71.7867, 65.2383

■ 249.6540, -5.2524,  
4.6884

■ 171.7780, 255.0000, 0.0000,  
-80.2496, 72.9857 0.0000

■ 168.9910,  
-83.3126, 75.4299

# Harmonies

## Analogous

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



209.0810, -26.1689, 40.2710



215.1330, -38.5196, 34.9634



211.1460, -35.0750, 3.3800

# Triad

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



215.1330, -38.5196, 34.9634



188.7510, 27.2378, -103.2676



220.3670, 17.0741, 30.3731

# Complementary

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



215.1330, -38.5196, 34.9634



176.8670, 38.5196, -34.9634

# 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.



213.9230, 20.2510, -8.7025



215.1330, -38.5196, 34.9634



189.4510, 32.3157, -98.6195

# Square

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



215.1330, -38.5196, 34.9634



198.1300, 2.4009, -70.2740



202.1190, 26.0703, -55.3554



212.3480, 9.1954, 37.4058



# Rectangle

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



215.1330, -38.5196, 34.9634



207.8810, -26.5633, -20.0666



202.1190, 26.0703, -55.3554



218.8170, 17.8382, 18.5775

# Sweetspot

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



215.1330, -38.5196, 34.9634



242.6780, -11.6733, 10.8064



177.4120, 2.2619, 68.0447



120.2090, -7.0050, 6.8327



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.



215.1330, -38.5196, 34.9634



207.0000, -46.8350, 42.0960



237.3620, -49.4785, 3.1905



123.5830, -4.2314, 3.8737



126.3750, -62.3029, 56.6761



42.0290, -20.7203, 19.2686



# Inverse Universe

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



176.8670, 38.5196, -34.9634



160.5870, 46.5456, -42.6108



154.6380, 49.4785, -3.1905



119.4170, 4.2314, -3.8737



64.6250, 62.3029, -56.6761



21.3840, 21.0097, -18.7538



# Previews

## White Background



This preview shows how the YUV color 215.1330, -38.5196, 34.9634 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

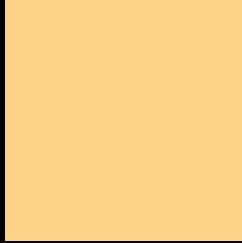
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 215.1330, -38.5196, 34.9634 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

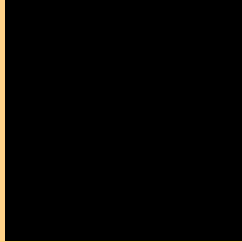
Any Text WCAG AA ✓ Pass

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 215.1330, -38.5196, 34.9634 Background



This preview shows how black text looks on a background with the YUV color 215.1330, -38.5196, 34.9634.



This preview shows how white text looks on a background with the YUV color 215.1330, -38.5196, 34.9634.



# 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

215.1330, -38.5196, 34.9634

### Protanopia

213.9030, -36.4342, 19.3791

### Deuteranopia

216.4840, -30.8046, 33.7785



## Tritanopia

220.0300, -1.9868, 30.6687

# Trichromacy



## Original Color

215.1330, -38.5196, 34.9634

## Protanomaly

214.1210, -37.0347, 25.3269

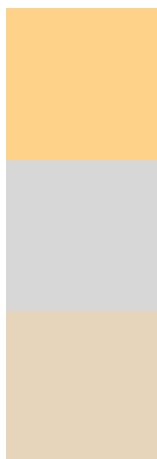
## Deuteranomaly

215.8000, -33.4254, 34.3784

## Tritanomaly

218.4850, -15.5221, 32.0237

# Monochromacy



## Original Color

215.1330, -38.5196, 34.9634

## Achromatopsia

215.0000, 0.0000, 0.0000

## Achromatomaly

215.1190, -13.8627, 13.0506

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 215.1330, -38.5196, 34.9634 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, 210, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 137)  
}
```

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, 210, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 137) }
```

## Border

The CSS property to change the border of an element to YUV 215.1330, -38.5196, 34.9634 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, 210, 137) }
```



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

```
.border{ border-color:rgb(255, 210, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
137) }
```

# Background

The CSS property to change the background color of an element to YUV 215.1330, -38.5196, 34.9634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 137) }
```

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

```
.background{ background-color: rgb(255,  
210, 137) }
```

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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