

# Converting Colors

YUV(211.4500, -25.8579,  
33.8083)

Have a look what the booklet for  
YUV(211.4500, -25.8579, 33.8083)  
contains.

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# Color

**YUV(211.4500, -25.8579,  
33.8083)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FACA9F
RGB	250, 202, 159
RGB Percent	98%, 79%, 62%
CMY	0.0196, 0.2078, 0.3765
CMYK	0.00, 0.19, 0.36, 0.02
HSL	28°, 90%, 80%
HSV	28°, 36%, 98%
XYZ	66.8029, 65.0683, 41.8394
YIQ	211.4500, 42.4110, -3.1970

# Conversions

## Conversions Part 2

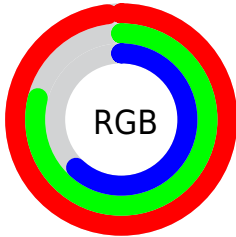
Format	Color
R <sub>Y</sub> B	250, 241, 159
Decimal	16435871
CIE Lab	84.52, 11.28, 27.91
CIE LCh	85, 30.100, 67.990
Yxy	65.0683, 0.3846, 0.3746
Android (android.graphics.Color)	4294625951 (0xFFFA9F)
YUV	211.4500, -25.8579, 33.8083
Hunter-Lab	80.6649, 6.6617, 25.7128

# Details

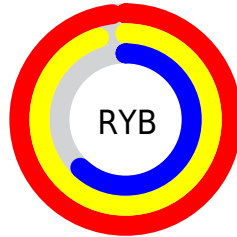
The YUV color  $211.4500, -25.8579, 33.8083$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $197.5500, 25.8579, -33.8083$ , and the grayscale version is  $212.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $250.3260, -17.9087, 4.0991$ , and  $156.4820, -24.3946, 31.1493$  is the 20% darker color. If you saturate the color by 10%, you get  $200.9690, -33.0157, 43.0002$ , and if you desaturate by 10%, it is  $221.9310, -18.7000, 24.6165$ .

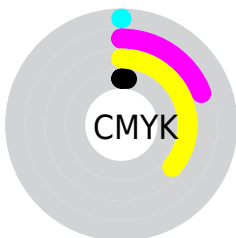
# Distribution



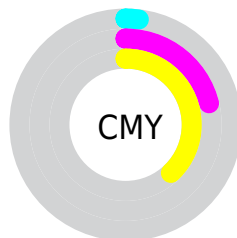
- Red (98%)
- Green (79%)
- Blue (62%)



- Red (98%)
- Yellow (95%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (36%)
- Black (2%)



- Cyan (2%)
- Magenta (21%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 211.4500, -25.8579, 33.8083 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 211.4500, -25.8579, 33.8083 by changing the saturation by 10% instead.



211.4500,  
-25.8579, 33.8083

211.4500,  
-25.8579, 33.8083

255.0000, 0.0000,  
0.0000

183.9660,  
-25.1262, 32.4788

250.3260,  
-17.9087, 4.0991

156.4820,  
-24.3946, 31.1493

253.5180, -5.6784,  
1.2997

130.1120,  
-23.2262, 29.7198

104.3290,  
-22.3472, 27.7755

80.5460, -21.4682,  
25.8312

56.7630, -20.5892,  
23.8868

35.2510, -17.3787,

20.8279

■ 14.5740, -7.1850,  
17.9136

■ 0.0000, 0.0000,  
0.0000

■ 211.4500,  
-25.8579, 33.8083

■ 211.4500,  
-25.8579, 33.8083

■ 200.9690,  
-33.0157, 43.0002

■ 221.9310,  
-18.7000, 24.6165

■ 190.4880,  
-40.1736, 52.1920

■ 232.4120,  
-11.5421, 15.4247

■ 179.4200,  
-47.0421, 61.8987

■ 243.4800, -4.6736,  
5.7180

■ 168.9390,  
-54.1999, 71.0905

■ 253.5050, 0.7370,  
-3.0739

■ 158.4580,  
-61.3578, 80.2823

■ 147.9770,  
-68.5157, 89.4742

■ 144.0160,  
-70.9999, 92.9480

# Harmonies

## Analogous

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



210.3010, -16.4174, 39.2010



211.4500, -25.8579, 33.8083



209.0900, -26.6664, 13.0761

# Triad

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



211.4500, -25.8579, 33.8083



198.1670, 9.7777, -56.2745



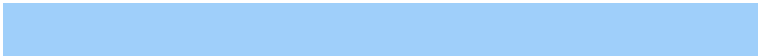
214.3320, 20.0493, 9.3558

# Complementary

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



211.4500, -25.8579, 33.8083



197.5500, 25.8579, -33.8083

# 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.



208.5410, 22.9043, -19.7685



211.4500, -25.8579, 33.8083



197.9780, 23.1818, -62.2477

# Square

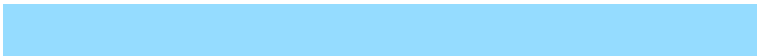
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



211.4500, -25.8579, 33.8083



201.4610, -6.1433, -36.3613



202.7610, 25.7538, -47.1484



215.7990, 8.4801, 33.5023



# Rectangle

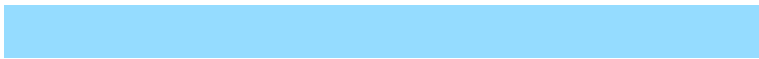
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



211.4500, -25.8579, 33.8083



206.3160, -22.8338, -2.9081



202.7610, 25.7538, -47.1484



212.5050, 20.9500, 0.4341

# Sweetspot

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



211.4500, -25.8579, 33.8083



243.0030, -7.8895, 10.5214



191.7950, 7.9891, 51.0458



120.7790, -4.8210, 6.3328



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.



211.4500, -25.8579, 33.8083



207.5990, -31.8473, 41.5707



237.8650, -38.8804, 10.6424



119.4090, -3.6526, 4.9033



108.7540, -53.6157, 70.3757

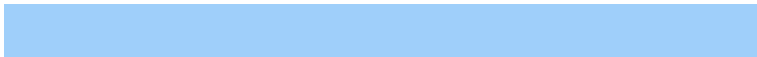


35.2620, -17.3842, 22.5722



# Inverse Universe

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



197.5500, 25.8579, -33.8083



190.4010, 31.8473, -41.5707



171.1350, 38.8804, -10.6424



117.5910, 3.6526, -4.9033



80.2460, 53.6157, -70.3757



25.7380, 17.3842, -22.5722



# Previews

## White Background



This preview shows how the YUV color 211.4500, -25.8579, 33.8083 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 211.4500, -25.8579, 33.8083 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

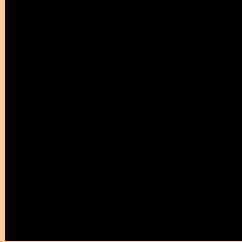
Any Text WCAG AA ✓ Pass

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 211.4500, -25.8579, 33.8083 Background



This preview shows how black text looks on a background with the YUV color 211.4500, -25.8579, 33.8083.



This preview shows how white text looks on a background with the YUV color 211.4500, -25.8579, 33.8083.



# 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

211.4500, -25.8579, 33.8083

### Protanopia

209.7140, -23.0300, 13.4058

### Deuteranopia

211.1510, -25.7104, 33.1936



## Tritanopia

214.6500, -2.2924, 35.3870

# Trichromacy



## Original Color

211.4500, -25.8579, 33.8083

## Protanomaly

210.5300, -23.9253, 20.5832

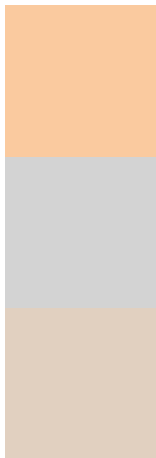
## Deuteranomaly

211.1510, -25.7104, 33.1936

## Tritanomaly

213.6470, -11.1650, 34.5126

# Monochromacy



## Original Color

211.4500, -25.8579, 33.8083

## Achromatopsia

211.0000, 0.0000, 0.0000

## Achromatomaly

211.2590, -9.4947, 12.0509

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 211.4500, -25.8579, 33.8083 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(250, 202, 159)` looks like.

```
.text, #text, p{  
    color:rgb(250, 202, 159)  
}
```

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(250, 202, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 202, 159) }
```

## Border

The CSS property to change the border of an element to YUV 211.4500, -25.8579, 33.8083 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(250, 202, 159) }
```



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

```
.border{ border-color:rgb(250, 202, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 202, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 202, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 202, 159);  
box-shadow:4px 4px 4px 4px rgb(250, 202,  
159) }
```

# Background

The CSS property to change the background color of an element to YUV 211.4500, -25.8579, 33.8083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 202, 159) }
```

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

```
.background{ background-color: rgb(250,  
202, 159) }
```

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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