

# Converting Colors

YUV(229.5210, -13.5679,  
11.8211)

Have a look what the booklet for  
YUV(229.5210, -13.5679, 11.8211)  
contains.

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# Color

**YUV(229.5210, -13.5679,  
11.8211)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3E4CA
RGB	243, 228, 202
RGB Percent	95%, 89%, 79%
CMY	0.0471, 0.1059, 0.2078
CMYK	0.00, 0.06, 0.17, 0.05
HSL	38°, 63%, 87%
HSV	38°, 17%, 95%
XYZ	75.3662, 78.8058, 67.1159
YIQ	229.5210, 17.2860, -4.9060

# Conversions

## Conversions Part 2

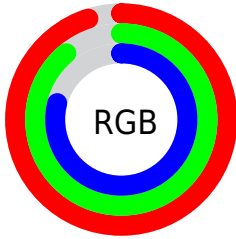
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 243, 202
Decimal	15983818
CIE Lab	91.15, 0.95, 14.53
CIE LCh	91, 14.556, 86.254
Yxy	78.8058, 0.3406, 0.3561
Android (android.graphics.Color)	4294173898 (0xFFFF3E4CA)
YUV	229.5210, -13.5679, 11.8211
Hunter-Lab	88.7726, -3.8090, 17.3150

# Details

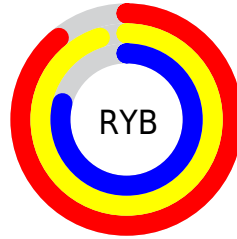
The YUV color  $229.5210, -13.5679, 11.8211$  is a light color, and the websafe version is hex  $FFFCC$ . A complement of this color would be  $215.4790, 13.5679, -11.8211$ , and the grayscale version is  $230.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $174.3360, -12.9836, 11.1063$  is the 20% darker color. If you saturate the color by 10%, you get  $221.5020, -21.4465, 18.8537$ , and if you desaturate by 10%, it is  $237.5400, -5.6892, 4.7884$ .

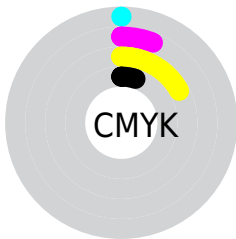
# Distribution



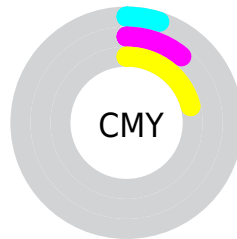
- Red (95%)
- Green (89%)
- Blue (79%)



- Red (89%)
- Yellow (95%)
- Blue (79%)



- Cyan (0%)
- Magenta (6%)
- Yellow (17%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 229.5210, -13.5679, 11.8211 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 229.5210, -13.5679, 11.8211 by changing the saturation by 10% instead.



■ 229.5210,  
-13.5679, 11.8211

■ 229.5210,  
-13.5679, 11.8211

255.0000, 0.0000,  
0.0000

■ 201.3360,  
-12.9836, 11.1063

■ 174.3360,  
-12.9836, 11.1063

■ 147.1510,  
-12.3994, 10.3916

■ 121.2650,  
-11.9626, 10.2916

■ 96.9660, -11.8152,  
9.6768

■ 72.8950, -10.7942,  
8.8621

■ 50.2970, -10.4994,

7.6325

■ 28.9550, -11.8098,  
7.9325

■ 4.4520, -2.1948,  
3.9886

■ 229.5210,  
-13.5679, 11.8211

■ 229.5210,  
-13.5679, 11.8211

■ 221.5020,  
-21.4465, 18.8537

■ 237.5400, -5.6892,  
4.7884

■ 213.3690,  
-29.7619, 25.9864

■ 245.6730, 2.6262,  
-2.3442

■ 205.3500,  
-37.6405, 33.0191

■ 251.4120, 1.7689,  
-7.3773

■ 197.3310,  
-45.5192, 40.0517

■ 189.7850,  
-54.1240, 46.6696

■ 181.7660,  
-62.0026, 53.7022

■ 173.7470,  
-69.8813, 60.7349

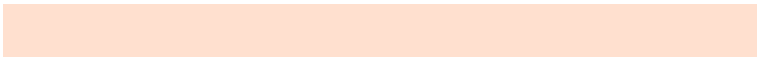
■ 165.7280,  
-77.7599, 67.7675

■ 163.0550,  
-80.3861, 70.1118

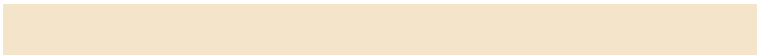
# Harmonies

## Analogous

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



231.3310, -11.9952, 20.7577



229.5210, -13.5679, 11.8211



228.3130, -11.4933, -0.2745

# Triad

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



229.5210, -13.5679, 11.8211



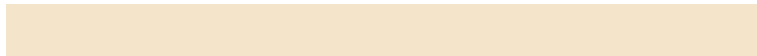
225.1860, 7.7963, -27.3501



232.3850, 6.2192, 11.9404

# Complementary

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



229.5210, -13.5679, 11.8211



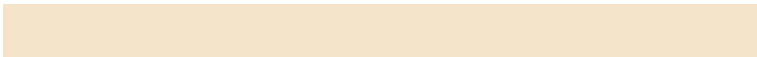
215.4790, 13.5679, -11.8211

# Split Complementary

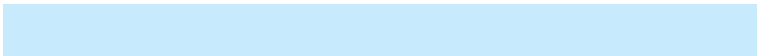
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.0890, 11.7881, -0.9551



229.5210, -13.5679, 11.8211



226.1740, 12.7322, -23.8316

# Square

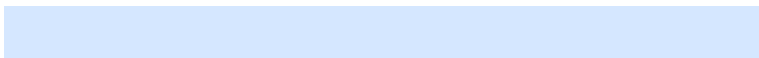
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.5210, -13.5679, 11.8211



225.0850, 0.9441, -22.8765



228.3540, 13.1365, -13.4655



231.8330, 0.0823, 20.3175

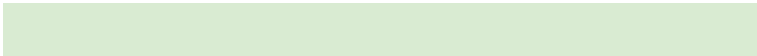


# Rectangle

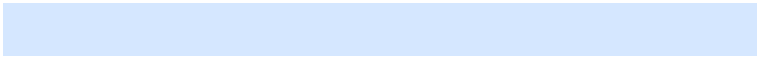
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.5210, -13.5679, 11.8211



226.7680, -8.2666, -8.5665



228.3540, 13.1365, -13.4655



232.2320, 8.2666, 8.5665

# Sweetspot

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



229.5210, -13.5679, 11.8211



250.5830, -4.2314, 3.8737



215.9690, 0.5083, 23.7062



125.3270, -2.6262, 2.3442



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

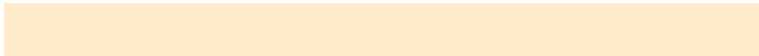


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.5210, -13.5679, 11.8211



238.0330, -16.7783, 14.8801



236.8310, -17.1717, 1.0252



118.2840, -4.0840, 3.2589



124.8800, -61.5658, 53.6022



39.3600, -19.4045, 17.2243



# Inverse Universe

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



215.4790, 13.5679, -11.8211



220.9670, 16.7783, -14.8801



208.1690, 17.1717, -1.0252



114.3030, 3.7946, -3.7737



61.1200, 61.5658, -53.6022

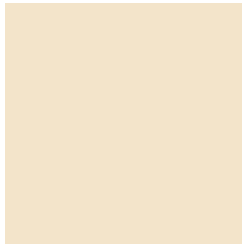


19.0530, 19.6939, -16.7095



# Previews

## White Background



This preview shows how the YUV color 229.5210, -13.5679, 11.8211 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

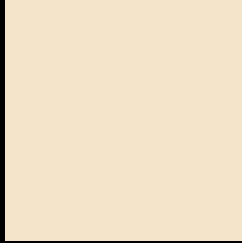
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 229.5210, -13.5679, 11.8211 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

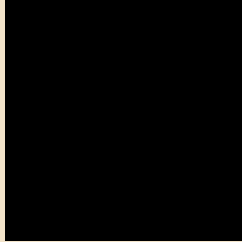
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

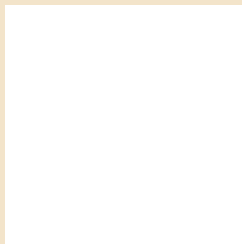
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 229.5210, -13.5679, 11.8211 Background



This preview shows how black text looks on a background with the YUV color 229.5210, -13.5679, 11.8211.



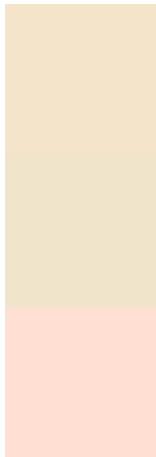
This preview shows how white text looks on a background with the YUV color 229.5210, -13.5679, 11.8211.



# 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

229.5210, -13.5679, 11.8211

### Protanopia

229.2110, -13.4150, 9.4620

### Deuteranopia

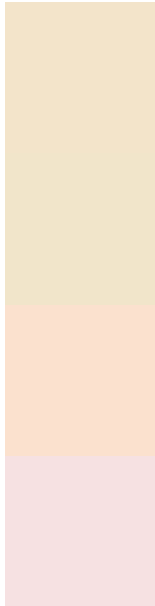
230.9720, -10.8322, 21.0726



## Tritanopia

232.4130, 3.7404, 13.6698

# Trichromacy



## Original Color

229.5210, -13.5679, 11.8211

## Protanomaly

229.5100, -13.5624, 10.0767

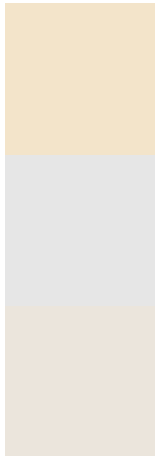
## Deuteranomaly

230.6080, -12.1317, 17.8838

## Tritanomaly

231.3930, -2.6587, 12.8103

# Monochromacy



## Original Color

229.5210, -13.5679, 11.8211

## Achromatopsia

230.0000, 0.0000, 0.0000

## Achromatomaly

229.7680, -4.8156, 4.5885

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 229.5210, -13.5679, 11.8211 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(243, 228, 202)` looks like.

```
.text, #text, p{  
    color:rgb(243, 228, 202)  
}
```

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(243, 228, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 228, 202) }
```

## Border

The CSS property to change the border of an element to YUV 229.5210, -13.5679, 11.8211 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(243, 228, 202) }
```



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

```
.border{ border-color:rgb(243, 228, 202) }
```

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

Here you see how a box with a 4 pixel rgb(243, 228, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 228, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 228, 202);  
box-shadow:4px 4px 4px 4px rgb(243, 228,  
202) }
```

# Background

The CSS property to change the background color of an element to YUV 229.5210, -13.5679, 11.8211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 228, 202) }
```

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

```
.background{ background-color: rgb(243,  
228, 202) }
```

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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