

# Converting Colors

YUV(232.5310, -8.6428,  
18.8283)

Have a look what the booklet for  
YUV(232.5310, -8.6428, 18.8283)  
contains.

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# Color

**YUV(232.5310, -8.6428,  
18.8283)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEE1D7
RGB	254, 225, 215
RGB Percent	100%, 88%, 84%
CMY	0.0039, 0.1176, 0.1569
CMYK	0.00, 0.11, 0.15, 0.00
HSL	15°, 95%, 92%
HSV	15°, 15%, 100%
XYZ	80.0640, 79.8276, 75.4784
YIQ	232.5310, 20.4940, 3.0380

# Conversions

## Conversions Part 2

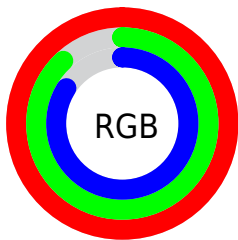
Format	Color
R <sub>Y</sub> B	254, 228, 215
Decimal	16703959
CIE Lab	91.61, 8.39, 8.53
CIE LCh	92, 11.959, 45.473
Yxy	79.8276, 0.3402, 0.3392
Android (android.graphics.Color)	4294894039 (0xFFFEED7)
YUV	232.5310, -8.6428, 18.8283
Hunter-Lab	89.3463, 3.5995, 12.4551

# Details

The YUV color  $232.5310, -8.6428, 18.8283$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $236.4690, 8.6428, -18.8283$ , and the grayscale version is  $233.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $176.9330, -8.3480, 17.5988$  is the 20% darker color. If you saturate the color by 10%, you get  $218.5280, -14.0643, 31.1089$ , and if you desaturate by 10%, it is  $246.5340, -3.2213, 6.5477$ .

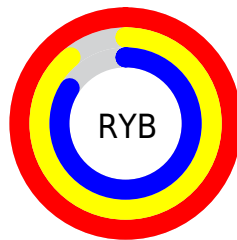
# Distribution



Red (100%)

Green (88%)

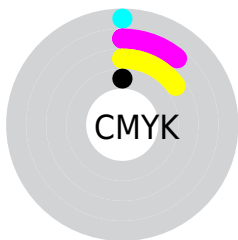
Blue (84%)



Red (100%)

Yellow (89%)

Blue (84%)

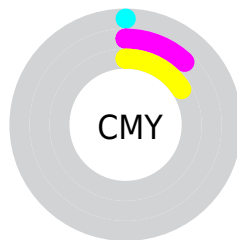


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (12%)


Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 232.5310, -8.6428, 18.8283 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 232.5310, -8.6428, 18.8283 by changing the saturation by 10% instead.




 232.5310, -8.6428,  
18.8283


 232.5310, -8.6428,  
18.8283


255.0000, 0.0000,  
0.0000


 204.2320, -8.4954,  
18.2135

 176.9330, -8.3480,  
17.5988

 150.0470, -7.9112,  
17.4988

 124.4490, -7.6164,  
16.2692

 99.2640, -7.0322,  
15.5545

 74.9650, -6.8847,  
14.9397

 52.4810, -6.1531,

13.6102

■ 30.8830, -5.8583,  
12.3806

■ 7.1760, -3.5378,  
14.7546

■ 232.5310, -8.6428,  
18.8283

■ 232.5310, -8.6428,  
18.8283

■ 218.5280,  
-14.0643, 31.1089

■ 246.5340, -3.2213,  
6.5477

■ 204.4110,  
-19.9226, 43.4896

254.7010, 0.1474,  
-0.6148

■ 190.4080,  
-25.3441, 55.7702

■ 176.2910,  
-31.2025, 68.1508

■ 162.8750,  
-36.9134, 79.9166

■ 148.8720,  
-42.3349, 92.1973

■ 134.7550,  
-48.1932, 104.5779

■ 120.7520,  
-53.6147, 116.8585

■ 114.1010,  
-56.2518, 122.6914

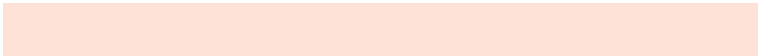
# Harmonies

## Analogous

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



232.7960, -3.8434, 19.4729



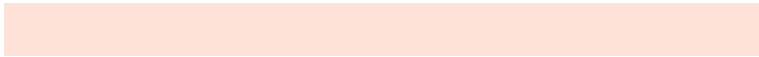
232.5310, -8.6428, 18.8283



231.2160, -10.9525, 12.9656

# Triad

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



232.5310, -8.6428, 18.8283



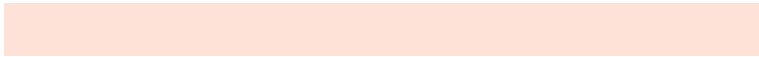
227.2600, -1.1142, -16.0140



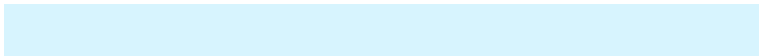
231.4260, 10.6360, -4.7586

# Complementary

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



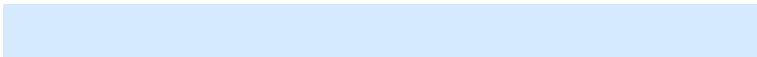
232.5310, -8.6428, 18.8283



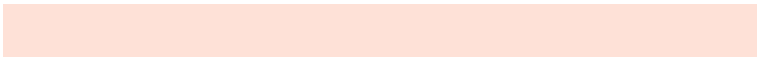
236.4690, 8.6428, -18.8283

# Split Complementary

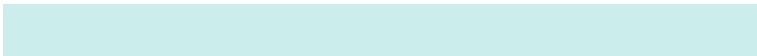
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.8870, 11.3947, -14.8099



232.5310, -8.6428, 18.8283



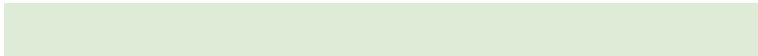
227.4210, 4.7224, -21.4172

# Square

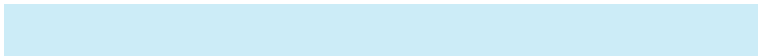
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.5310, -8.6428, 18.8283



228.5340, -6.6723, -6.6073



227.6860, 9.5218, -20.7726

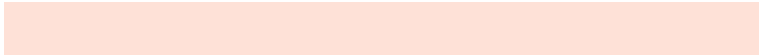


232.5800, 7.1091, 6.5073

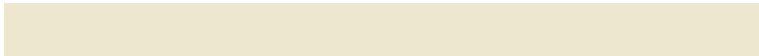


# Rectangle

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



232.5310, -8.6428, 18.8283



230.4710, -11.0782, 6.6029



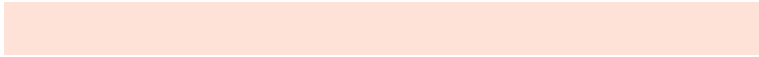
227.6860, 9.5218, -20.7726



230.9310, 11.3730, -7.8325

# Sweetspot

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



232.5310, -8.6428, 18.8283



248.2350, -3.0739, 5.9329



229.9670, 6.9183, 21.0769



123.5660, -1.7580, 3.8886



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

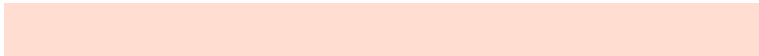


# Same Dimension

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



232.5310, -8.6428, 18.8283



229.7980, -10.2534, 22.1022



243.6840, -14.1412, 9.0471



120.6480, -2.7845, 6.4477



85.8720, -42.3349, 92.1973

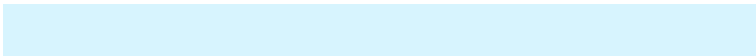


28.5280, -14.0643, 31.1089



# Inverse Universe

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



236.4690, 8.6428, -18.8283



234.2020, 10.2534, -22.1022



225.3160, 14.1412, -9.0471



121.7650, 3.0739, -5.9329



105.1280, 42.3349, -92.1973

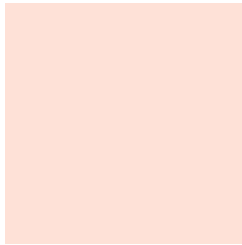


34.8850, 14.3537, -30.5941



# Previews

## White Background



This preview shows how the YUV color 232.5310, -8.6428, 18.8283 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

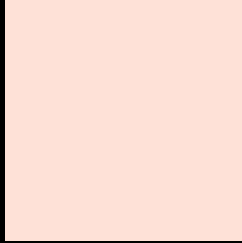
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 232.5310, -8.6428, 18.8283 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

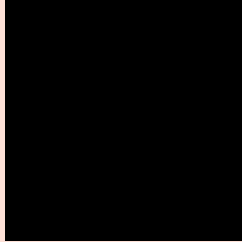
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 232.5310, -8.6428, 18.8283

## Background



This preview shows how black text looks on a background with the YUV color 232.5310, -8.6428, 18.8283.



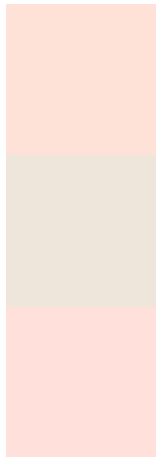
This preview shows how white text looks on a background with the YUV color 232.5310, -8.6428,



# 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

232.5310, -8.6428, 18.8283

### Protanopia

231.0240, -6.4208, 6.1180

### Deuteranopia

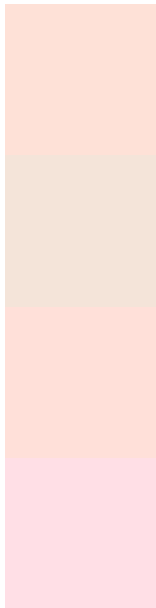
232.5850, -7.1904, 19.6580



## Tritanopia

233.6910, 2.1243, 18.6880

# Trichromacy



## Original Color

232.5310, -8.6428, 18.8283

## Protanomaly

231.5300, -7.1633, 10.9362

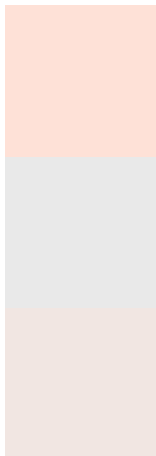
## Deuteranomaly

232.4710, -7.6272, 19.7579

## Tritanomaly

233.3660, -1.6594, 18.9730

# Monochromacy



## Original Color

232.5310, -8.6428, 18.8283

## Achromatopsia

233.0000, 0.0000, 0.0000

## Achromatomaly

232.8330, -3.3687, 7.1625

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 232.5310, -8.6428, 18.8283 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(254, 225, 215)` looks like.

```
.text, #text, p{  
    color:rgb(254, 225, 215)  
}
```

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(254, 225, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 225, 215) }
```

## Border

The CSS property to change the border of an element to YUV 232.5310, -8.6428, 18.8283 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(254, 225, 215) }
```



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

```
.border{ border-color:rgb(254, 225, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 225, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 225, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 225, 215);  
box-shadow:4px 4px 4px 4px rgb(254, 225,  
215) }
```

# Background

The CSS property to change the background color of an element to YUV 232.5310, -8.6428, 18.8283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 225, 215) }
```

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

```
.background{ background-color: rgb(254,  
225, 215) }
```

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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