

# Converting Colors

YUV(230.8180, -44.2803,  
15.9456)

Have a look what the booklet for  
YUV(230.8180, -44.2803, 15.9456)  
contains.

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# Color

**YUV(230.8180, -44.2803,  
15.9456)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9EF8D
RGB	249, 239, 141
RGB Percent	98%, 94%, 55%
CMY	0.0235, 0.0627, 0.4471
CMYK	0.00, 0.04, 0.43, 0.02
HSL	54°, 90%, 76%
HSV	54°, 43%, 98%
XYZ	74.7411, 83.7958, 37.4342
YIQ	230.8180, 37.4180, -28.3580

# Conversions

## Conversions Part 2

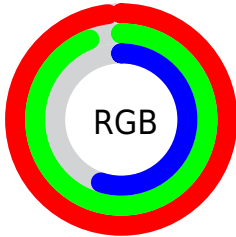
Format	Color
R <sub>Y</sub> B	152, 249, 141
Decimal	16379789
CIE Lab	93.36, -9.88, 48.45
CIE LCh	93, 49.443, 101.528
Yxy	83.7958, 0.3814, 0.4276
Android (android.graphics.Color)	4294569869 (0xFFF9EF8D)
YUV	230.8180, -44.2803, 15.9456
Hunter-Lab	91.5401, -14.4524, 39.8321

# Details

The YUV color **230.8180, -44.2803, 15.9456** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **159.1820, 44.2803, -15.9456**, and the grayscale version is **231.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.2740, -25.7711, 5.8987**, and **174.5620, -42.6751, 14.4161** is the 20% darker color. If you saturate the color by 10%, you get **226.7940, -54.6214, 19.4747**, and if you desaturate by 10%, it is **234.8420, -33.9391, 12.4166**.

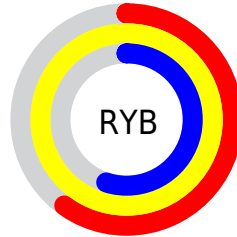
# Distribution



Red (98%)

Green (94%)

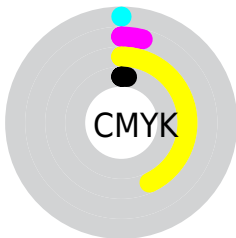
Blue (55%)



Red (60%)

Yellow (98%)

Blue (55%)

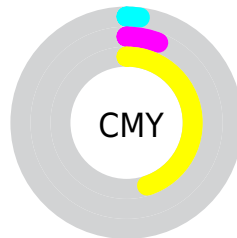


Cyan (0%)

Magenta (4%)

Yellow (43%)

Black (2%)



Cyan (2%)

Magenta (6%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 230.8180, -44.2803, 15.9456 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 230.8180, -44.2803, 15.9456 by changing the saturation by 10% instead.



230.8180,  
-44.2803, 15.9456

230.8180,  
-44.2803, 15.9456

255.0000, 0.0000,  
0.0000

202.6330,  
-43.6961, 15.2309

248.2740,  
-25.7711, 5.8987

174.5620,  
-42.6751, 14.4161

251.5800,  
-13.1039, 2.9993

147.4910,  
-41.6541, 13.6014

254.8860, -0.4368,  
0.1000

120.8930,  
-41.3592, 12.3718

94.4970, -44.1220,  
11.8421

72.0650, -35.5280,  
8.7130

51.6760, -25.4763,

4.6691

■ 31.2870, -15.4245,  
0.6253

■ 10.5660, -5.2090,  
-9.2664

■ 230.8180,  
-44.2803, 15.9456

■ 230.8180,  
-44.2803, 15.9456

■ 226.7940,  
-54.6214, 19.4747

■ 234.8420,  
-33.9391, 12.4166

■ 222.1830,  
-64.6732, 23.5185

■ 239.4530,  
-23.8873, 8.3727

■ 218.1590,  
-75.0144, 27.0476

■ 243.4770,  
-13.5462, 4.8437

■ 214.1350,  
-85.3556, 30.5766

■ 247.5010, -3.2050,  
1.3146

■ 209.6380,  
-94.9705, 34.5205

■ 250.8580, 2.0420,  
-1.6295

■ 207.1130,  
-102.1067, 36.7349

■ 252.0320, 1.4632,  
-2.6591

■ 253.2060, 0.8844,  
-3.6887

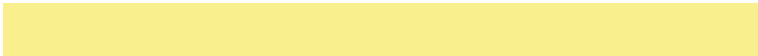
# Harmonies

## Analogous

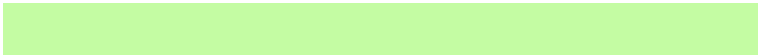
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.7900, -38.3505, 27.3712



230.8180, -44.2803, 15.9456



225.1100, -30.6202, -25.5295

# Triad

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



230.8180, -44.2803, 15.9456



178.7550, 37.5888, -156.7681



224.4760, 15.0483, 26.7695

# Complementary

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



230.8180, -44.2803, 15.9456



159.1820, 44.2803, -15.9456

# 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.



232.6940, 10.9969, 19.5624



230.8180, -44.2803, 15.9456



208.4220, 22.9630, -85.4391

# Square

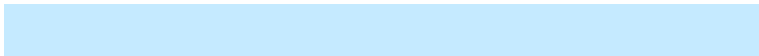
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.8180, -44.2803, 15.9456



196.4670, 27.8708, -119.6816



225.3310, 14.6268, -24.8463



218.0240, 0.4812, 32.4280

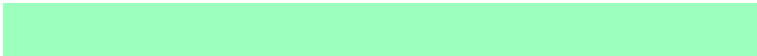


# Rectangle

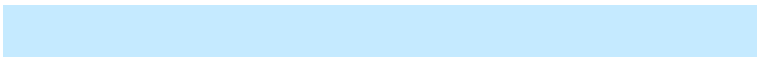
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.8180, -44.2803, 15.9456



218.1740, -14.3828, -53.6496



225.3310, 14.6268, -24.8463



226.2370, 14.1802, 25.2252

# Sweetspot

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



230.8180, -44.2803, 15.9456



249.4770, -13.5462, 4.8437



174.5460, -11.1152, 65.2962



124.4320, -8.5940, 3.1291



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

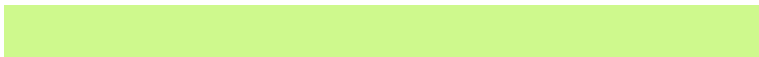
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.8180, -44.2803, 15.9456



232.7940, -54.6214, 19.4747



223.8310, -40.8357, -15.6378



122.9310, -5.3890, 1.8145



156.8880, -77.3458, 28.1622



51.1110, -25.1977, 8.6727



# Inverse Universe

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



159.1820, 44.2803, -15.9456



144.7930, 54.3321, -19.9895



166.1690, 40.8357, 15.6378



114.6560, 5.0996, -2.3293



31.5250, 77.6352, -27.6474

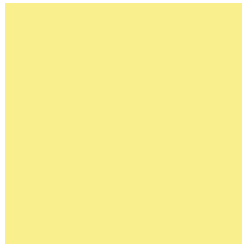


10.4760, 24.9083, -9.1875



# Previews

## White Background



This preview shows how the YUV color 230.8180, -44.2803, 15.9456 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 230.8180, -44.2803, 15.9456 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

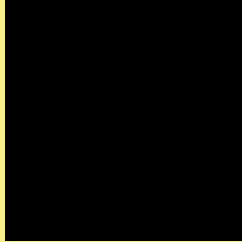
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 230.8180, -44.2803, 15.9456

## Background



This preview shows how black text looks on a background with the YUV color 230.8180, -44.2803, 15.9456.



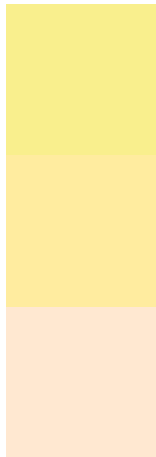
This preview shows how white text looks on a background with the YUV color 230.8180, -44.2803, 15.9456.



# 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

230.8180, -44.2803, 15.9456

### Protanopia

232.9030, -36.4342, 19.3791

### Deuteranopia

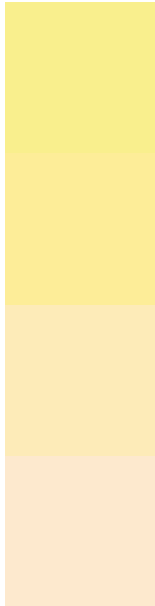
236.2550, -13.4367, 16.4394



## Tritanopia

238.3700, 2.2826, 14.5845

# Trichromacy



## Original Color

230.8180, -44.2803, 15.9456

## Protanomaly

232.0940, -39.4863, 18.3346

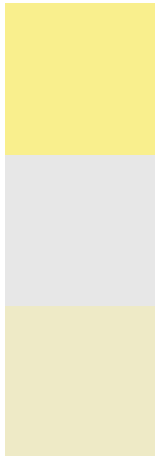
## Deuteranomaly

234.5680, -24.9300, 16.1649

## Tritanomaly

235.9020, -14.7417, 14.9949

# Monochromacy



## Original Color

230.8180, -44.2803, 15.9456

## Achromatopsia

231.0000, 0.0000, 0.0000

## Achromatomaly

231.0920, -16.3144, 6.0583

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 230.8180, -44.2803, 15.9456 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(249, 239, 141)` looks like.

```
.text, #text, p{  
    color:rgb(249, 239, 141)  
}
```

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(249, 239, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 239, 141) }
```

## Border

The CSS property to change the border of an element to YUV 230.8180, -44.2803, 15.9456 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(249, 239, 141) }
```



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

```
.border{ border-color:rgb(249, 239, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 239, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 239, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 239, 141);  
box-shadow:4px 4px 4px 4px rgb(249, 239,  
141) }
```

# Background

The CSS property to change the background color of an element to YUV 230.8180, -44.2803, 15.9456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 239, 141) }
```

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

```
.background{ background-color: rgb(249,  
239, 141) }
```

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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