

# Converting Colors

YUV(230.1160, -39.4972,  
21.8233)

Have a look what the booklet for  
YUV(230.1160, -39.4972, 21.8233)  
contains.

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# Color

**YUV(230.1160, -39.4972,  
21.8233)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | FFE996                      |
| RGB         | 255, 233, 150               |
| RGB Percent | 100%, 91%, 59%              |
| CMY         | 0.0000, 0.0863, 0.4118      |
| CMYK        | 0.00, 0.09, 0.41, 0.00      |
| HSL         | 47°, 100%, 79%              |
| HSV         | 47°, 41%, 100%              |
| XYZ         | 75.8839, 81.7398, 40.6320   |
| YIQ         | 230.1160, 39.7550, -21.1490 |

# Conversions

## Conversions Part 2

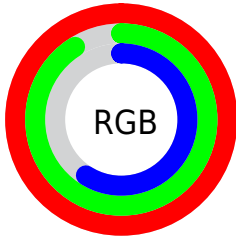
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 178, 255, 150                  |
| Decimal                             | 16771478                       |
| CIE Lab                             | 92.46, -3.65, 43.01            |
| CIE LCh                             | 92, 43.165, 94.856             |
| Yxy                                 | 81.7398, 0.3828,<br>0.4123     |
| Android<br>(android.graphics.Color) | 4294961558<br>(0xFFFFE996)     |
| YUV                                 | 230.1160, -39.4972,<br>21.8233 |
| Hunter-Lab                          | 90.4101, -8.3972,<br>36.6410   |

# Details

The YUV color  $230.1160, -39.4972, 21.8233$  is a light color, and the websafe version is hex  $FFFF99$ . A complement of this color would be  $174.8840, 39.4972, -21.8233$ , and the grayscale version is  $230.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.3000, -21.8399, 4.9989$ , and  $174.5610, -37.7446, 19.6790$  is the 20% darker color. If you saturate the color by 10%, you get  $224.3310, -48.9702, 26.8967$ , and if you desaturate by 10%, it is  $236.0150, -29.5874, 16.6498$ .

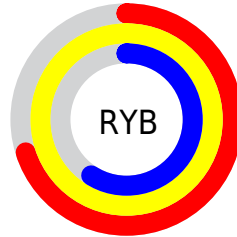
# Distribution



Red (100%)

Green (91%)

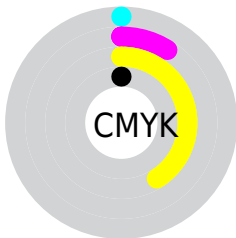
Blue (59%)



Red (70%)

Yellow (100%)

Blue (59%)

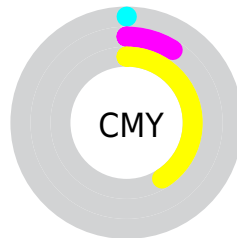


Cyan (0%)

Magenta (9%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 230.1160, -39.4972, 21.8233 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 230.1160, -39.4972, 21.8233 by changing the saturation by 10% instead.



230.1160,  
-39.4972, 21.8233

230.1160,  
-39.4972, 21.8233

255.0000, 0.0000,  
0.0000

201.9310,  
-38.9130, 21.1085

249.3000,  
-21.8399, 4.9989

174.5610,  
-37.7446, 19.6790

252.6060, -9.1728,  
2.0995

147.1910,  
-36.5762, 18.2495

121.0060,  
-35.9920, 17.5347

95.2940, -36.1339,  
16.4052

71.2120, -35.1075,  
13.8461

50.5350, -24.9138,

10.9318

■ 30.4340, -15.0040,  
5.7584

■ 7.6530, -3.7729,  
-3.2037

■ 230.1160,  
-39.4972, 21.8233

■ 230.1160,  
-39.4972, 21.8233

■ 224.3310,  
-48.9702, 26.8967

■ 236.0150,  
-29.5874, 16.6498

■ 217.8450,  
-58.5906, 32.5849

■ 242.3870,  
-20.4038, 11.0616

■ 212.0600,  
-68.0636, 37.6584

■ 248.2860,  
-10.4940, 5.8882

■ 206.1610,  
-77.9734, 42.8318

■ 254.0710, -1.0210,  
0.8147

■ 199.7890,  
-87.1570, 48.4200

255.0000, 0.0000,  
0.0000

■ 194.8190,  
-96.0458, 52.7787

# Harmonies

## Analogous

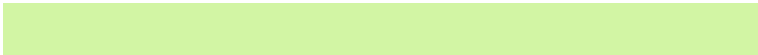
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.9240, -31.5145, 28.1307



230.1160, -39.4972, 21.8233



225.3010, -30.2214, -13.4190

# Triad

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



230.1160, -39.4972, 21.8233



203.2840, 25.4960, -104.6121



226.8240, 13.8908, 24.7104

# Complementary

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



230.1160, -39.4972, 21.8233



174.8840, 39.4972, -21.8233

# 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.



232.3620, 11.1605, 13.7145



230.1160, -39.4972, 21.8233



210.2380, 22.0677, -78.2617

# Square

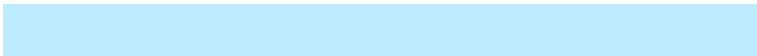
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.1160, -39.4972, 21.8233



210.1200, 14.2378, -86.9282



222.9280, 15.8115, -31.5089



220.8110, 3.5442, 29.9838

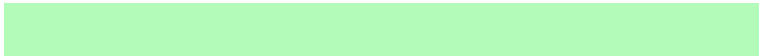


# Rectangle

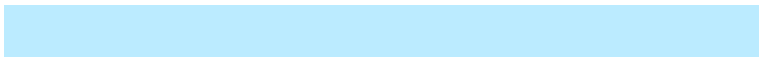
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.1160, -39.4972, 21.8233



221.5350, -18.5048, -38.1802



222.9280, 15.8115, -31.5089



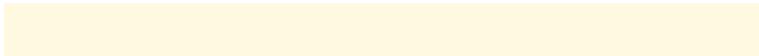
229.1720, 12.7332, 22.6512

# Sweetspot

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



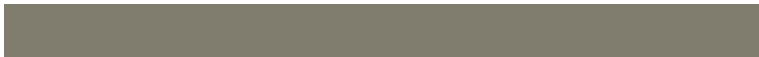
230.1160, -39.4972, 21.8233



247.9440, -11.8044, 6.1881



184.0170, -5.4314, 62.2521



123.6000, -6.7048, 3.8588



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

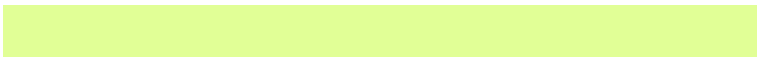
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.1160, -39.4972, 21.8233



225.4880, -47.0756, 25.8820



234.0600, -41.4416, -7.9456



124.7570, -4.8102, 2.8441



145.7460, -71.8528, 39.6878



48.4860, -23.9036, 13.6058



# Inverse Universe

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



174.8840, 39.4972, -21.8233



159.5120, 47.0756, -25.8820



170.9400, 41.4416, 7.9456



117.6560, 5.0996, -2.3293



45.2540, 71.8528, -39.6878



14.9270, 24.1930, -13.0910



# Previews

## White Background



This preview shows how the YUV color 230.1160, -39.4972, 21.8233 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

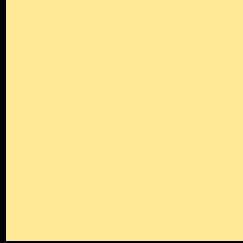
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 230.1160, -39.4972, 21.8233 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

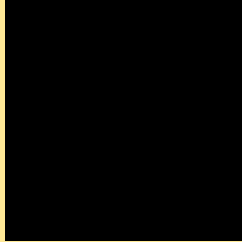
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 230.1160, -39.4972, 21.8233

## Background



This preview shows how black text looks on a background with the YUV color 230.1160, -39.4972, 21.8233.



This preview shows how white text looks on a background with the YUV color 230.1160, -39.4972, 21.8233.



# 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**

230.1160, -39.4972, 21.8233

**Protanopia**

229.8170, -39.3498, 21.2085

**Deuteranopia**

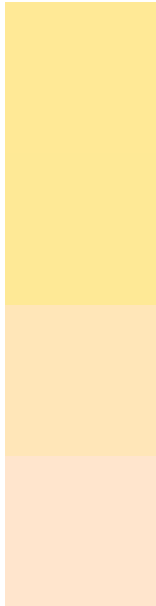
233.8100, -15.1893, 18.5836



## Tritanopia

235.9250, 0.5300, 16.7288

# Trichromacy



## Original Color

230.1160, -39.4972, 21.8233

## Protanomaly

229.8170, -39.3498, 21.2085

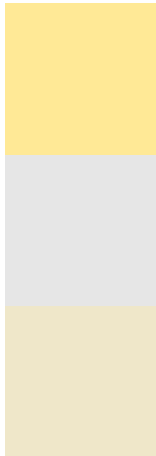
## Deuteranomaly

232.2310, -23.7779, 19.9684

## Tritanomaly

234.0380, -14.3157, 18.3837

# Monochromacy



## Original Color

230.1160, -39.4972, 21.8233

## Achromatopsia

230.0000, 0.0000, 0.0000

## Achromatomaly

229.9720, -14.2832, 7.9176

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 230.1160, -39.4972, 21.8233 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, 233, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 150)  
}
```

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, 233, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 150) }
```

## Border

The CSS property to change the border of an element to YUV 230.1160, -39.4972, 21.8233 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, 233, 150) }
```



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

```
.border{ border-color:rgb(255, 233, 150) }
```

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

Here you see how a box with a 4 pixel rgb(255, 233, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
150) }
```

# Background

The CSS property to change the background color of an element to YUV 230.1160, -39.4972, 21.8233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 150) }
```

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

```
.background{ background-color: rgb(255,  
233, 150) }
```

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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