

# Converting Colors

YUV(234.9480, -61.5994,  
17.5856)

Have a look what the booklet for  
YUV(234.9480, -61.5994, 17.5856)  
contains.

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# Color

**YUV(234.9480, -61.5994,  
17.5856)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF96E
RGB	255, 249, 110
RGB Percent	100%, 98%, 43%
CMY	0.0000, 0.0235, 0.5686
CMYK	0.00, 0.02, 0.57, 0.00
HSL	58°, 100%, 72%
HSV	58°, 57%, 100%
XYZ	77.9302, 90.1372, 28.0427
YIQ	234.9480, 48.1950, -41.9570

# Conversions

## Conversions Part 2

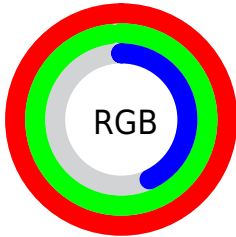
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 255, 110
Decimal	16775534
CIE <sub>Lab</sub>	96.05, -15.01, 65.95
CIE <sub>LCh</sub>	96, 67.635, 102.823
Yxy	90.1372, 0.3974, 0.4596
Android (android.graphics.Color)	4294965614 (0xFFFFF96E)
YUV	234.9480, -61.5994, 17.5856
Hunter-Lab	94.9406, -19.6277, 48.9459

# Details

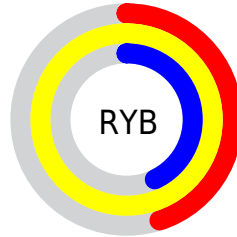
The YUV color  $234.9480, -61.5994, 17.5856$  is a light color, and the websafe version is hex  $FFFF66$ . A complement of this color would be  $130.0520, 61.5994, -17.5856$ , and the grayscale version is  $236.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $244.8540, -38.8750, 8.8980$ , and  $177.7520, -61.0097, 15.1265$  is the 20% darker color. If you saturate the color by 10%, you get  $231.5110, -72.2299, 20.5999$ , and if you desaturate by 10%, it is  $238.4990, -50.5320, 14.4714$ .

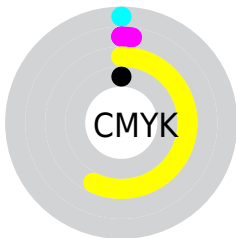
# Distribution



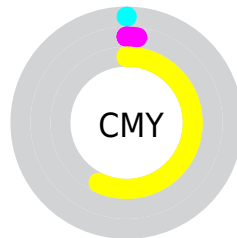
- Red (100%)
- Green (98%)
- Blue (43%)



- Red (45%)
- Yellow (100%)
- Blue (43%)



- Cyan (0%)
- Magenta (2%)
- Yellow (57%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 234.9480, -61.5994, 17.5856 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 234.9480, -61.5994, 17.5856 by changing the saturation by 10% instead.



234.9480,  
-61.5994, 17.5856

234.9480,  
-61.5994, 17.5856

255.0000, 0.0000,  
0.0000

206.3500,  
-61.3046, 16.3560

244.8540,  
-38.8750, 8.8980

177.7520,  
-61.0097, 15.1265

248.0460,  
-26.6447, 6.0987

149.1280,  
-64.6461, 14.7967

251.3520,  
-13.9775, 3.1993

123.4420,  
-60.8569, 12.7674

254.7720, -0.8736,  
0.2000

99.8080, -49.2053,  
8.9384

77.6470, -38.2800,  
4.6946

56.0730, -27.6440,

-0.0640

■ 35.6840, -17.5922,  
-4.1079

■ 14.6750, -7.2348,  
-12.8700

■ 234.9480,  
-61.5994, 17.5856

■ 234.9480,  
-61.5994, 17.5856

■ 231.5110,  
-72.2299, 20.5999

■ 238.4990,  
-50.5320, 14.4714

■ 227.9600,  
-83.2973, 23.7141

■ 241.9360,  
-39.9014, 11.4571

■ 224.4090,  
-94.3646, 26.8283

■ 245.4870,  
-28.8341, 8.3429

■ 220.9720,  
-104.9952, 29.8426

■ 248.9240,  
-18.2035, 5.3287

■ 219.4730,  
-108.2002, 31.1572

■ 252.4750, -7.1362,  
2.2144

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

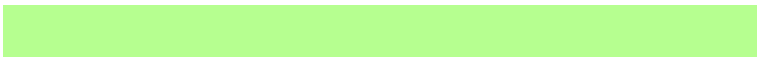
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.7180, -52.6120, 28.3113



234.9480, -61.5994, 17.5856



220.5190, -37.7239, -33.7812

# Triad

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



234.9480, -61.5994, 17.5856



178.7550, 37.5888, -156.7681



218.6060, 17.9422, 31.9175

# Complementary

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



234.9480, -61.5994, 17.5856



130.0520, 61.5994, -17.5856

# 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.



231.5200, 11.5756, 20.5920



234.9480, -61.5994, 17.5856



178.7550, 37.5888, -156.7681

# Square

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



234.9480, -61.5994, 17.5856



178.7550, 37.5888, -156.7681



225.5530, 14.5174, -36.4420



211.4530, 3.2277, 38.1907



# Rectangle

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



234.9480, -61.5994, 17.5856



206.1990, -12.4231, -75.5965



225.5530, 14.5174, -36.4420



222.1280, 16.2059, 28.8287

# Sweetspot

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



234.9480, -61.5994, 17.5856



248.9240, -18.2035, 5.3287



154.1530, -18.3164, 88.4428



123.8620, -10.7780, 3.6290



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.



234.9480, -61.5994, 17.5856



231.1690, -73.5403, 20.8998



219.0350, -53.7543, -25.4637



125.9310, -5.3890, 1.8145



164.5300, -81.1133, 23.2142



54.9430, -27.0869, 7.9430



# Inverse Universe

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



130.0520, 61.5994, -17.5856



105.8310, 73.5403, -20.8998



145.9650, 53.7543, 25.4637



116.4820, 5.6784, -1.2997



26.4700, 81.1133, -23.2142

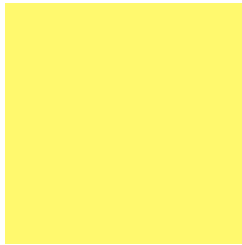


9.0570, 27.0869, -7.9430



# Previews

## White Background



This preview shows how the YUV color 234.9480, -61.5994, 17.5856 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 234.9480, -61.5994, 17.5856 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

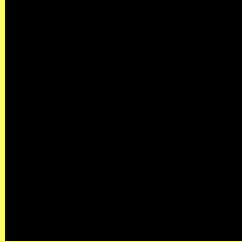
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 234.9480, -61.5994, 17.5856

## Background



This preview shows how black text looks on a background with the YUV color 234.9480, -61.5994, 17.5856.



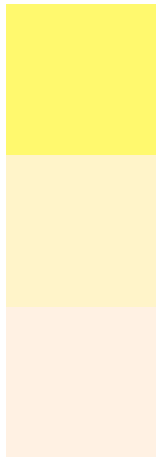
This preview shows how white text looks on a background with the YUV color 234.9480, -61.5994,



# 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

234.9480, -61.5994, 17.5856

### Protanopia

242.3870, -20.4038, 11.0616

### Deuteranopia

243.5900, -8.1789, 10.0066



## Tritanopia

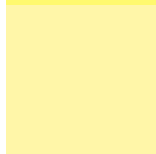
244.6960, 1.1359, 9.0366

# Trichromacy



## Original Color

234.9480, -61.5994, 17.5856



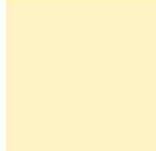
## Protanomaly

239.7990, -35.3969, 13.3313



## Deuteranomaly

240.4490, -27.8294, 12.7612



## Tritanomaly

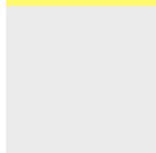
241.3440, -21.8616, 11.9763

# Monochromacy



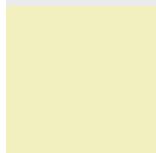
## Original Color

234.9480, -61.5994, 17.5856



## Achromatopsia

235.0000, 0.0000, 0.0000



## Achromatomaly

234.8980, -22.1347, 6.2285

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 234.9480, -61.5994, 17.5856 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, 249, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 110)  
}
```

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, 249, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 110) }
```

## Border

The CSS property to change the border of an element to YUV 234.9480, -61.5994, 17.5856 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, 249, 110) }
```



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

```
.border{ border-color:rgb(255, 249, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
110) }
```

# Background

The CSS property to change the background color of an element to YUV 234.9480, -61.5994, 17.5856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 110) }
```

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

```
.background{ background-color: rgb(255,  
249, 110) }
```

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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