

# Converting Colors

YUV(235.3980, -44.0732,  
-3.8570)

Have a look what the booklet for  
YUV(235.3980, -44.0732, -3.8570)  
contains.

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# Color

**YUV(235.3980, -44.0732,  
-3.8570)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7FF92
RGB	231, 255, 146
RGB Percent	91%, 100%, 57%
CMY	0.0941, 0.0000, 0.4275
CMYK	0.09, 0.00, 0.43, 0.00
HSL	73°, 100%, 79%
HSV	73°, 43%, 100%
XYZ	73.9033, 90.5842, 40.7835
YIQ	235.3980, 20.6850, -38.9870

# Conversions

## Conversions Part 2

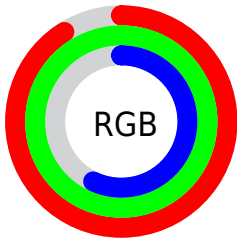
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 255, 170
Decimal	15204242
CIELab	96.24, -24.01, 49.35
CIELCh	96, 54.878, 115.948
Yxy	90.5842, 0.3600, 0.4413
Android (android.graphics.Color)	4293394322 (0xFFE7FF92)
YUV	235.3980, -44.0732, -3.8570
Hunter-Lab	95.1758, -27.9536, 41.2168

# Details

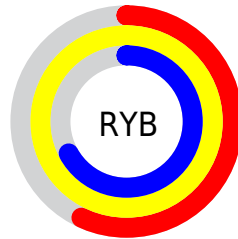
The YUV color **235.3980, -44.0732, -3.8570** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **165.6020, 44.0732, 3.8570**, and the grayscale version is **236.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.8440, -23.5871, 5.3988**, and **178.8540, -42.3260, -4.2570** is the 20% darker color. If you saturate the color by 10%, you get **230.7540, -54.1087, -5.0463**, and if you desaturate by 10%, it is **240.0420, -34.0377, -2.6678**.

# Distribution



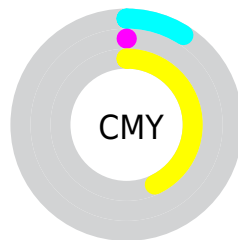
- Red (91%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (67%)



- Cyan (9%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)




- Cyan (9%)
- Magenta (0%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 235.3980, -44.0732, -3.8570 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 235.3980, -44.0732, -3.8570 by changing the saturation by 10% instead.



 235.3980,  
-44.0732, -3.8570


 235.3980,  
-44.0732, -3.8570


255.0000, 0.0000,  
0.0000


 206.6260,  
-43.1996, -4.0570


 248.8440,  
-23.5871, 5.3988


 178.8540,  
-42.3260, -4.2570

 252.1500,  
-10.9200, 2.4994

 151.6690,  
-41.7418, -4.9717

 124.7830,  
-41.3050, -5.0717

 98.6860, -44.2152,  
-4.9866

 75.2110, -37.0790,  
-7.2010

 53.6480, -26.4485,

-10.2153

■ 32.3620, -15.9545,  
-16.1035

■ 17.0230, -8.3923,  
-14.9292

■ 235.3980,  
-44.0732, -3.8570

■ 235.3980,  
-44.0732, -3.8570

■ 230.7540,  
-54.1087, -5.0463

■ 240.0420,  
-34.0377, -2.6678

■ 226.2950,  
-64.7284, -5.5207

■ 244.5010,  
-23.4180, -2.1934

■ 221.5370,  
-75.2007, -6.6099

■ 249.2590,  
-12.9457, -1.1041

■ 217.1920,  
-85.3837, -7.1844

■ 253.6040, -2.7628,  
-0.5297

■ 212.4340, 255.0000, 0.0000,  
-95.8560, -8.2736 0.0000

■ 209.1860,  
-103.1287, -8.9331

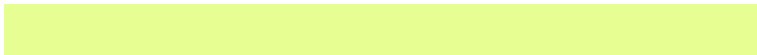
# Harmonies

## Analogous

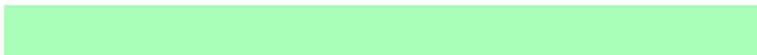
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.1560, -46.9119, 20.0342



235.3980, -44.0732, -3.8570



220.7790, -18.6250, -46.2872

# Triad

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



235.3980, -44.0732, -3.8570



178.7550, 37.5888, -156.7681



223.7750, 14.9009, 27.3843

# Complementary

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



235.3980, -44.0732, -3.8570



165.6020, 44.0732, 3.8570

# 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.



230.9330, 11.8650, 21.1068



235.3980, -44.0732, -3.8570



220.9470, 16.7881, -64.8515

# Square

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



235.3980, -44.0732, -3.8570



178.7550, 37.5888, -156.7681



237.3020, 8.7251, 1.4891



219.3800, -9.5543, 31.2387

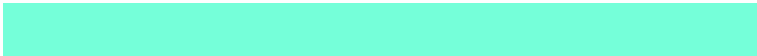


# Rectangle

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



235.3980, -44.0732, -3.8570



209.4060, 3.7438, -81.0401



237.3020, 8.7251, 1.4891



225.6500, 14.4696, 25.7400

# Sweetspot

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



235.3980, -44.0732, -3.8570



249.1450, -13.3825, -1.0042



192.6790, -23.0127, 54.6555



124.1110, -8.4357, -0.9743



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

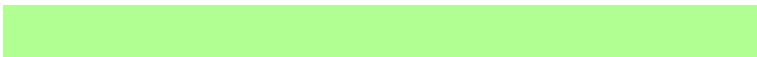
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.3980, -44.0732, -3.8570



231.5090, -52.5089, -4.8314



219.2520, -36.1132, -37.0550



125.6210, -5.2362, -0.5446



156.6680, -77.2373, -6.7248



52.5180, -25.8914, -2.2083



# Inverse Universe

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



165.6020, 44.0732, 3.8570



148.4910, 52.5089, 4.8314



181.7480, 36.1132, 37.0550



117.3790, 5.2362, 0.5446



34.3320, 77.2373, 6.7248

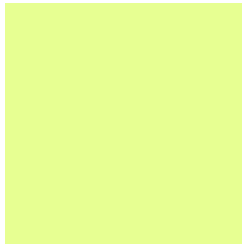


11.4820, 25.8914, 2.2083



# Previews

## White Background



This preview shows how the YUV color 235.3980, -44.0732, -3.8570 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

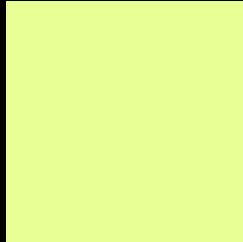
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 235.3980, -44.0732, -3.8570 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

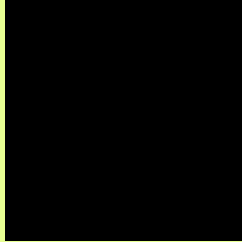
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

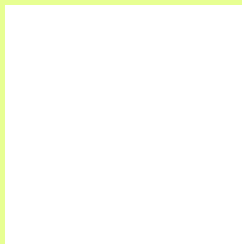
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 235.3980, -44.0732, -3.8570

## Background



This preview shows how black text looks on a background with the YUV color 235.3980, -44.0732, -3.8570.



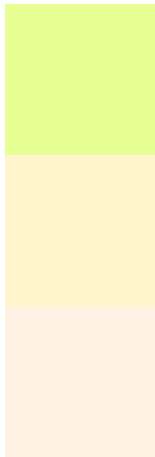
This preview shows how white text looks on a background with the YUV color 235.3980, -44.0732, -3.8570.

-3.8570.

# 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

235.3980, -44.0732, -3.8570

### Protanopia

242.7290, -19.0934, 10.7617

### Deuteranopia

244.4050, -7.5947, 9.2918

## **Tritanopia**

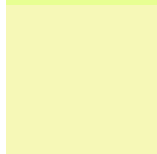
244.3790, 5.2362, 0.5446

# Trichromacy



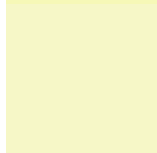
## Original Color

235.3980, -44.0732, -3.8570



## Protanomaly

239.9920, -28.0971, 5.2690



## Deuteranomaly

241.2290, -20.8189, 4.1842



## Tritanomaly

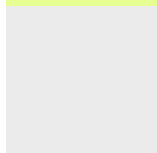
241.2590, -12.9457, -1.1041

# Monochromacy



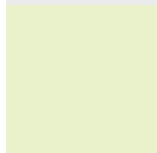
## Original Color

235.3980, -44.0732, -3.8570



## Achromatopsia

235.0000, 0.0000, 0.0000



## Achromatomaly

235.1620, -15.8559, -1.0191

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 235.3980, -44.0732, -3.8570 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(231, 255, 146)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 146)  
}
```

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(231, 255, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 146) }
```

## Border

The CSS property to change the border of an element to YUV 235.3980, -44.0732, -3.8570 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(231, 255, 146) }
```



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

```
.border{ border-color:rgb(231, 255, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 255, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 255, 146); box-shadow:4px 4px 4px 4px rgb(231, 255, 146) }
```

# Background

The CSS property to change the background color of an element to YUV 235.3980, -44.0732, -3.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 146) }
```

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

```
.background{ background-color: rgb(231,  
255, 146) }
```

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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