

# Converting Colors

YUV(232.9610, -54.7038,  
-0.8428)

Have a look what the booklet for  
YUV(232.9610, -54.7038, -0.8428)  
contains.

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# Color

**YUV(232.9610, -54.7038,  
-0.8428)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8FF7A
RGB	232, 255, 122
RGB Percent	91%, 100%, 48%
CMY	0.0902, 0.0000, 0.5216
CMYK	0.09, 0.00, 0.52, 0.00
HSL	70°, 100%, 74%
HSV	70°, 52%, 100%
XYZ	72.5516, 90.0809, 31.9758
YIQ	232.9610, 28.9850, -46.2390

# Conversions

## Conversions Part 2

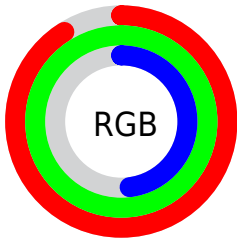
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 255, 145</a>
Decimal	<a href="#">15269754</a>
CIELab	<a href="#">96.03, -25.94, 60.22</a>
CIELCh	<a href="#">96, 65.565, 113.301</a>
Yxy	<a href="#">90.0809, 0.3728, 0.4629</a>
Android (android.graphics.Color)	<a href="#">4293459834 (0xFFE8FF7A)</a>
YUV	<a href="#">232.9610, -54.7038, -0.8428</a>
Hunter-Lab	<a href="#">94.9110, -29.6458, 46.4627</a>

# Details

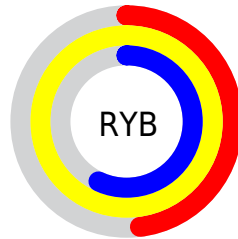
The YUV color **232.9610, -54.7038, -0.8428** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **144.0390, 54.7038, 0.8428**, and the grayscale version is **233.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.1080, -34.0702, 7.7983**, and **176.0040, -53.2460, -1.7575** is the 20% darker color. If you saturate the color by 10%, you get **228.9150, -65.0341, -0.8025**, and if you desaturate by 10%, it is **237.1210, -43.9367, -0.9831**.

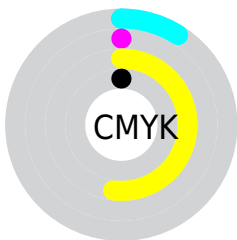
# Distribution



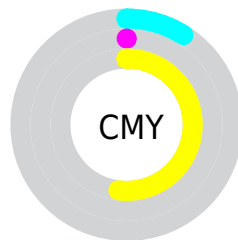
- Red (91%)
- Green (100%)
- Blue (48%)



- Red (48%)
- Yellow (100%)
- Blue (57%)



- Cyan (9%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 232.9610, -54.7038, -0.8428 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 232.9610, -54.7038, -0.8428 by changing the saturation by 10% instead.



232.9610,  
-54.7038, -0.8428

232.9610,  
-54.7038, -0.8428

255.0000, 0.0000,  
0.0000

204.1890,  
-53.8302, -1.0428

246.1080,  
-34.0702, 7.7983

176.0040,  
-53.2460, -1.7575

249.4140,  
-21.4031, 4.8989

148.3630,  
-54.4090, -2.0724

252.7200, -8.7360,  
1.9996

119.8100,  
-59.0663, -1.5874

97.0620, -47.8516,  
-5.3164

74.6130, -36.7842,  
-8.4306

52.4520, -25.8588,

-12.6744

■ 30.5680, -15.0700,  
-19.7921

■ 17.0230, -8.3923,  
-14.9292

■ 232.9610,  
-54.7038, -0.8428

■ 232.9610,  
-54.7038, -0.8428

■ 228.9150,  
-65.0341, -0.8025

■ 237.1210,  
-43.9367, -0.9831

■ 224.4560,  
-75.6538, -1.2769

■ 241.4660,  
-33.7537, -0.4087

■ 220.4100,  
-85.9841, -1.2366

■ 245.6260,  
-22.9866, -0.5490

■ 215.9510,  
-96.6038, -1.7110

■ 249.9710,  
-12.8037, 0.0254

■ 212.7740,  
-104.8976, -1.5558

■ 254.1310, -2.0366,  
-0.1149

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

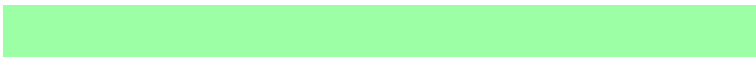
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.1860, -55.8007, 24.3929



232.9610, -54.7038, -0.8428



215.1390, -24.7185, -51.8649

# Triad

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



232.9610, -54.7038, -0.8428



178.7550, 37.5888, -156.7681



217.4320, 18.5210, 32.9471

# Complementary

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



232.9610, -54.7038, -0.8428



144.0390, 54.7038, 0.8428

# 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.



227.4110, 13.6014, 24.1956



232.9610, -54.7038, -0.8428



204.1700, 25.0592, -104.5121

# Square

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



232.9610, -54.7038, -0.8428



178.7550, 37.5888, -156.7681



233.4150, 10.6414, -6.5030



211.9940, -7.3920, 37.7163



# Rectangle

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



232.9610, -54.7038, -0.8428



197.2740, 3.8089, -101.9723



233.4150, 10.6414, -6.5030



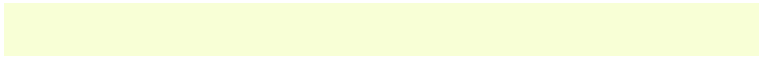
219.7800, 17.3635, 30.8879

# Sweetspot

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



232.9610, -54.7038, -0.8428



248.2330, -16.8769, -0.2043



174.6810, -25.9717, 70.4398



123.6550, -10.1829, -0.5744



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.



232.9610, -54.7038, -0.8428



228.2740, -66.1971, -1.1173



213.2270, -44.9749, -41.4181



125.6210, -5.2362, -0.5446



159.3590, -78.5640, -1.1918



53.4150, -26.3336, -0.3640



# Inverse Universe

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



144.0390, 54.7038, 0.8428



120.7260, 66.1971, 1.1173



163.7730, 44.9749, 41.4181



117.0800, 5.3836, -0.0702



31.6410, 78.5640, 1.1918



10.5850, 26.3336, 0.3640



# Previews

## White Background



This preview shows how the YUV color 232.9610, -54.7038, -0.8428 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

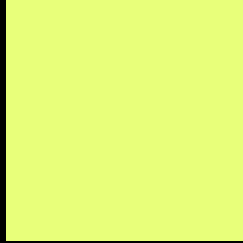
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 232.9610, -54.7038, -0.8428 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 232.9610, -54.7038, -0.8428

## Background



This preview shows how black text looks on a background with the YUV color 232.9610, -54.7038, -0.8428.



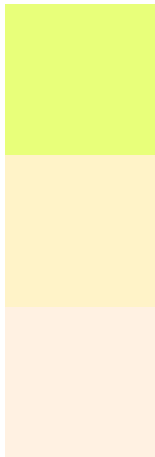
This preview shows how white text looks on a background with the YUV color 232.9610, -54.7038, -0.8428.

-0.8428.

# 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

232.9610, -54.7038, -0.8428

### Protanopia

241.6860, -20.5512, 11.6764

### Deuteranopia

243.4760, -8.6157, 10.1065



## Tritanopia

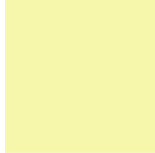
244.0910, 5.3781, 1.6742

# Trichromacy



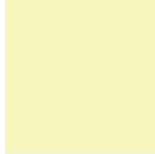
## Original Color

232.9610, -54.7038, -0.8428



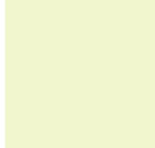
## Protanomaly

238.4500, -32.7598, 7.4984



## Deuteranomaly

239.6870, -25.4817, 6.4135



## Tritanomaly

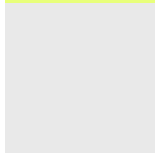
240.0590, -16.2981, 0.8253

# Monochromacy



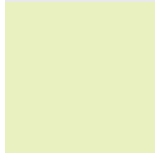
## Original Color

232.9610, -54.7038, -0.8428



## Achromatopsia

233.0000, 0.0000, 0.0000



## Achromatomaly

233.1360, -19.7870, -0.1193

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 232.9610, -54.7038, -0.8428 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(232, 255, 122)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 122)  
}
```

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(232, 255, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 122) }
```

## Border

The CSS property to change the border of an element to YUV 232.9610, -54.7038, -0.8428 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(232, 255, 122) }
```



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

```
.border{ border-color:rgb(232, 255, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 255, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 122);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
122) }
```

# Background

The CSS property to change the background color of an element to YUV 232.9610, -54.7038, -0.8428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 122) }
```

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

```
.background{ background-color: rgb(232,  
255, 122) }
```

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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