

# Converting Colors

YUV(154.9610, 49.3192,  
-45.5698)

Have a look what the booklet for  
YUV(154.9610, 49.3192, -45.5698)  
contains.

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# Color

**YUV(154.9610, 49.3192,  
-45.5698)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67A2FF
RGB	103, 162, 255
RGB Percent	40%, 64%, 100%
CMY	0.5961, 0.3647, 0.0000
CMYK	0.60, 0.36, 0.00, 0.00
HSL	217°, 100%, 70%
HSV	217°, 60%, 100%
XYZ	36.5638, 35.9442, 99.6185
YIQ	154.9610, -65.0170, 16.4150

# Conversions

## Conversions Part 2

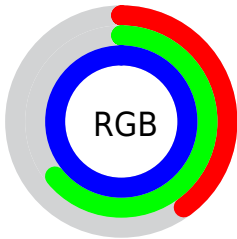
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	103, 146, 255
Decimal	6791935
CIELab	66.48, 8.14, -51.96
CIElCh	66, 52.590, 278.901
Yxy	35.9442, 0.2124, 0.2088
Android (android.graphics.Color)	4284982015 (0xFF67A2FF)
YUV	154.9610, 49.3192, -45.5698
Hunter-Lab	59.9535, 3.9432, -56.5486

# Details

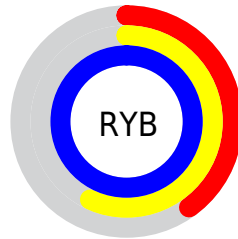
The YUV color **154.9610, 49.3192, -45.5698** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **203.0390, -49.3192, 45.5698**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.8980, 24.7003, -35.8675**, and **95.2040, 50.6784, -61.5689** is the 20% darker color. If you saturate the color by 10%, you get **138.0940, 57.6347, -52.7024**, and if you desaturate by 10%, it is **172.1270, 40.8564, -37.8224**.

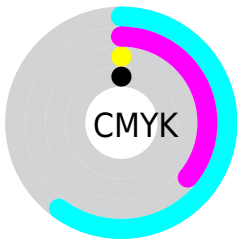
# Distribution



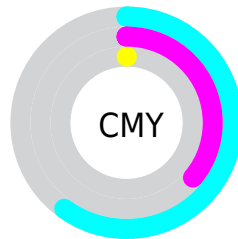
- Red (40%)
- Green (64%)
- Blue (100%)



- Red (40%)
- Yellow (57%)
- Blue (100%)



- Cyan (60%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (36%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 154.9610, 49.3192, -45.5698 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 154.9610, 49.3192, -45.5698 by changing the saturation by 10% instead.



■ 154.9610, 49.3192,  
-45.5698

■ 154.9610, 49.3192,  
-45.5698

255.0000, 0.0000,  
0.0000

■ 126.5260, 49.0407,  
-49.5733

■ 204.8980, 24.7003,  
-35.8675

■ 95.2040, 50.6784,  
-61.5689

■ 230.8910, 11.8857,  
-32.3534

■ 70.4490, 49.0786,  
-61.7838

■ 246.0300, 4.4222,  
-18.4433

■ 53.8700, 43.9411,  
-47.2440

■ 38.5790, 38.6616,  
-33.8338

■ 24.5760, 33.2400,  
-21.5532

■ 11.8610, 27.6765,

-10.4021

■ 6.7770, 18.3509,  
-5.9434

■ 3.2090, 9.7570,  
-2.8143

■ 154.9610, 49.3192,  
-45.5698

■ 154.9610, 49.3192,  
-45.5698

■ 138.0940, 57.6347,  
-52.7024

■ 172.1270, 40.8564,  
-37.8224

■ 121.5150, 65.8081,  
-60.9647

■ 188.4070, 32.8303,  
-30.1749

■ 104.3490, 74.2709,  
-68.7121

■ 205.2740, 24.5149,  
-23.0423

■ 88.0690, 82.2970,  
-76.3595

■ 221.8530, 16.3415,  
-14.7801

■ 87.1830, 82.7338,  
-76.4595

■ 239.0190, 7.8786,  
-7.0327

255.0000, 0.0000,  
0.0000

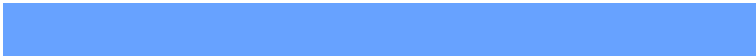
# Harmonies

## Analogous

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



131.6980, 57.8299, -115.4991



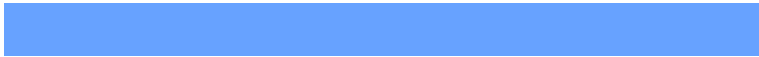
154.9610, 49.3192, -45.5698



166.1490, 34.4365, 14.7783

# Triad

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



154.9610, 49.3192, -45.5698



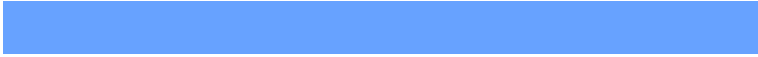
160.9370, -27.5769, 71.9693



136.1370, -4.9975, -77.2961

# Complementary

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



154.9610, 49.3192, -45.5698



203.0390, -49.3192, 45.5698

# 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.



150.3770, -32.2309, -22.2556



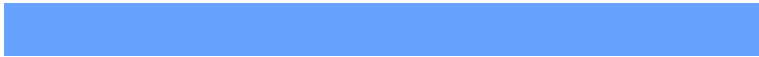
154.9610, 49.3192, -45.5698



159.0810, -42.9309, 49.9180

# Square

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



154.9610, 49.3192, -45.5698



161.8770, -6.3484, 76.4069



155.7750, -45.7381, 16.8603

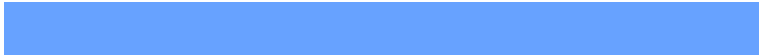


128.5450, 22.9023, -112.7340



# Rectangle

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



154.9610, 49.3192, -45.5698



166.1330, 22.1194, 45.4874



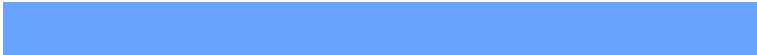
155.7750, -45.7381, 16.8603



143.1200, -15.8352, -54.4792

# Sweetspot

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



154.9610, 49.3192, -45.5698



224.8100, 14.8837, -13.8654



202.5980, -4.2388, -87.3474



108.7630, 9.4838, -8.5622



0.0000, 0.0000, 0.0000

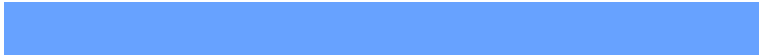


128.0000, 0.0000, 0.0000



# Same Dimension

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



154.9610, 49.3192, -45.5698



134.2400, 59.5347, -55.4615



124.8130, 64.1822, -5.9750



119.4170, 4.2314, -3.8737



65.2120, 62.0135, -57.1909



21.9710, 20.7203, -19.2686



# Inverse Universe

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



155.1740, 3.3652, 87.5474



134.2240, 4.3266, 105.9206



233.1870, -64.1822, 5.9750



119.4570, 0.2677, 7.4922



65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463



# Previews

## White Background



This preview shows how the YUV color 154.9610, 49.3192, -45.5698 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

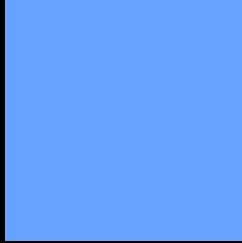
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 154.9610, 49.3192, -45.5698 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

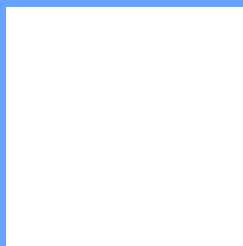
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 154.9610, 49.3192, -45.5698

## Background



This preview shows how black text looks on a background with the YUV color 154.9610, 49.3192, -45.5698.



This preview shows how white text looks on a background with the YUV color 154.9610, 49.3192, -45.5698.

-45.5698.

# 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

154.9610, 49.3192, -45.5698

### Protanopia

159.0340, 45.3392, -28.9708

### Deuteranopia

155.8690, 48.8716, -41.9811



## Tritanopia

146.5110, 21.4401, -63.5921

# Trichromacy



## Original Color

154.9610, 49.3192, -45.5698

## Protanomaly

157.3430, 46.6659, -34.5038

## Deuteranomaly

155.2710, 49.1664, -43.2107

## Tritanomaly

149.6010, 31.7487, -56.6551

# Monochromacy



## Original Color

154.9610, 49.3192, -45.5698

## Achromatopsia

155.0000, 0.0000, 0.0000

## Achromatomaly

155.1840, 17.6573, -16.8244

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 154.9610, 49.3192, -45.5698 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(103, 162, 255)` looks like.

```
.text, #text, p{  
    color:rgb(103, 162, 255)  
}
```

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(103, 162, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 162, 255) }
```

## Border

The CSS property to change the border of an element to YUV 154.9610, 49.3192, -45.5698 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(103, 162, 255) }
```



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

```
.border{ border-color:rgb(103, 162, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 162, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 162, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 162, 255);  
box-shadow:4px 4px 4px 4px rgb(103, 162,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 154.9610, 49.3192, -45.5698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 162, 255) }
```

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

```
.background{ background-color: rgb(103,  
162, 255) }
```

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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