

# Converting Colors

YUV(152.1940, 45.7534,  
-68.5761)

Have a look what the booklet for  
YUV(152.1940, 45.7534, -68.5761)  
contains.

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# Color

**YUV(152.1940, 45.7534,  
-68.5761)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AAEF5
RGB	74, 174, 245
RGB Percent	29%, 68%, 96%
CMY	0.7098, 0.3176, 0.0392
CMYK	0.70, 0.29, 0.00, 0.04
HSL	205°, 90%, 63%
HSV	205°, 70%, 96%
XYZ	34.4415, 38.3205, 91.9675
YIQ	152.1940, -82.3910, 0.8810

# Conversions

## Conversions Part 2

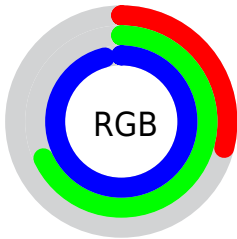
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	74, 137, 245
Decimal	4894453
CIE <sub>Lab</sub>	68.26, -6.71, -43.79
CIE <sub>LCh</sub>	68, 44.296, 261.291
Yxy	38.3205, 0.2091, 0.2326
Android (android.graphics.Color)	4283084533 (0xFF4AAEF5)
YUV	152.1940, 45.7534, -68.5761
Hunter-Lab	61.9036, -9.0185, -44.7522

# Details

The YUV color **152.1940, 45.7534, -68.5761** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **166.8060, -45.7534, 68.5761**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.3530, 24.4760, -57.3146**, and **93.0460, 46.8123, -81.6013** is the 20% darker color. If you saturate the color by 10%, you get **138.8490, 52.3324, -78.7976**, and if you desaturate by 10%, it is **165.2400, 39.3217, -58.9695**.

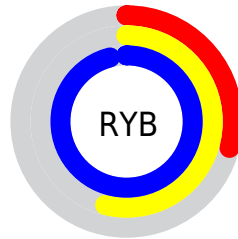
# Distribution



Red (29%)

Green (68%)

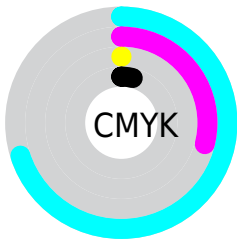
Blue (96%)



Red (29%)

Yellow (54%)

Blue (96%)

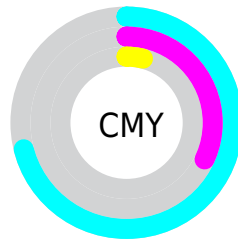


Cyan (70%)

Magenta (29%)

Yellow (0%)

Black (4%)



Cyan (71%)

Magenta (32%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.1940, 45.7534, -68.5761 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 152.1940, 45.7534, -68.5761 by changing the saturation by 10% instead.



■ 152.1940, 45.7534,  
-68.5761

■ 152.1940, 45.7534,  
-68.5761

■ 255.0000, 0.0000,  
0.0000

■ 119.5730, 47.5385,  
-81.1865

■ 205.3530, 24.4760,  
-57.3146

■ 93.0460, 46.8123,  
-81.6013

■ 229.8840, 12.3822,  
-51.6413

■ 75.2930, 42.2536,  
-66.0320

■ 239.1530, 7.8126,  
-32.5832

■ 58.8280, 37.5528,  
-51.5922

■ 248.4220, 3.2430,  
-13.5251

■ 42.9500, 32.5627,  
-37.6671

■ 27.7730, 27.7199,  
-24.3569

■ 10.4760, 24.9083,

-9.1875

■ 5.5060, 16.0195,  
-4.8288

■ 2.2970, 6.2626,  
-2.0145

■ 152.1940, 45.7534,  
-68.5761

■ 152.1940, 45.7534,  
-68.5761

■ 138.8490, 52.3324,  
-78.7976

■ 165.2400, 39.3217,  
-58.9695

■ 125.8030, 58.7641,  
-88.4042

■ 178.5850, 32.7426,  
-48.7480

■ 111.8710, 65.6326,  
-98.1109

■ 192.2180, 26.0215,  
-39.6562

■ 205.5630, 19.4424,  
-29.4348

■ 218.6090, 13.0108,  
-19.8281

■ 231.9540, 6.4317,  
-9.6067

■ 245.2990, -0.1474,  
0.6148

■ 253.8600, -4.3680,  
0.9998

# Harmonies

## Analogous

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



133.4130, 46.6314, -117.0032



152.1940, 45.7534, -68.5761



166.8420, 36.5599, -13.0164

# Triad

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



152.1940, 45.7534, -68.5761



167.7480, -14.1728, 65.9960



154.6280, -19.5366, -33.8768

# Complementary

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



152.1940, 45.7534, -68.5761



166.8060, -45.7534, 68.5761

# 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.



160.5480, -34.7802, 2.1504



152.1940, 45.7534, -68.5761



166.4420, -30.2909, 55.7404

# Square

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



152.1940, 45.7534, -68.5761



170.0300, 4.9152, 56.9787



163.8230, -38.3667, 32.6042



141.8730, 5.4856, -79.6956



# Rectangle

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



152.1940, 45.7534, -68.5761



170.7380, 27.7372, 16.8928



163.8230, -38.3667, 32.6042



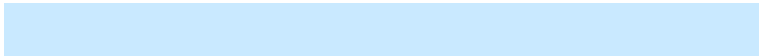
156.6960, -25.9791, -20.7814

# Sweetspot

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



152.1940, 45.7534, -68.5761



225.9400, 14.3266, -21.8724



182.1290, -19.7836, -94.8291



110.2140, 8.7685, -12.4657



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.



152.1940, 45.7534, -68.5761



138.7710, 57.3009, -85.7452



103.4730, 69.7728, -25.8478



115.4770, 3.2158, -4.8033



85.1870, 49.7008, -74.7090



26.6840, 15.9318, -23.4019



# Inverse Universe

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



136.5290, 18.4732, 95.1291



119.2360, 23.0547, 119.0650



215.5270, -69.7728, 25.8478



114.3860, 1.2887, 6.6775



68.0400, 20.1933, 103.4509

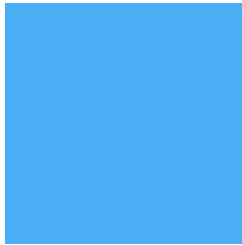


21.5170, 6.1541, 32.8726



# Previews

## White Background



This preview shows how the YUV color 152.1940, 45.7534, -68.5761 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

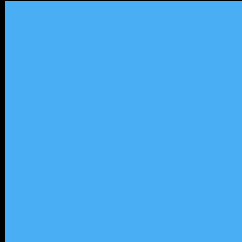
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 152.1940, 45.7534, -68.5761 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

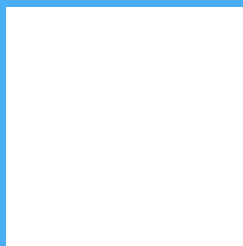
Any Text WCAG AAA ✓ Pass

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

# YUV 152.1940, 45.7534, -68.5761 Background



This preview shows how black text looks on a background with the YUV color 152.1940, 45.7534, -68.5761.



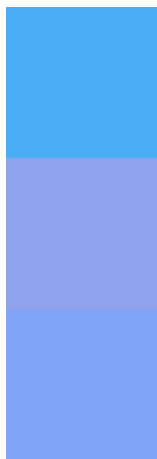
This preview shows how white text looks on a background with the YUV color 152.1940, 45.7534, -68.5761.



# 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

152.1940, 45.7534, -68.5761

### Protanopia

165.0430, 34.9818, -20.2087

### Deuteranopia

162.6980, 41.5609, -30.4301



## Tritanopia

141.6540, 27.7786, -90.0276

# Trichromacy



## Original Color

152.1940, 45.7534, -68.5761

## Protanomaly

160.2580, 38.8198, -37.9373

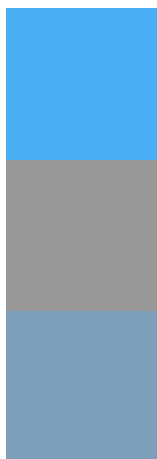
## Deuteranomaly

158.9520, 42.9147, -44.6849

## Tritanomaly

145.7180, 34.1560, -82.1907

# Monochromacy



## Original Color

152.1940, 45.7534, -68.5761

## Achromatopsia

152.0000, 0.0000, 0.0000

## Achromatomaly

152.2000, 16.6634, -24.7314

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.1940, 45.7534, -68.5761 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(74, 174, 245)` looks like.

```
.text, #text, p{  
    color:rgb(74, 174, 245)  
}
```

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(74, 174, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 174, 245) }
```

## Border

The CSS property to change the border of an element to YUV 152.1940, 45.7534, -68.5761 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(74, 174, 245) }
```



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

```
.border{ border-color:rgb(74, 174, 245) }
```

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

Here you see how a box with a 4 pixel rgb(74, 174, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 174, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 174, 245);  
box-shadow:4px 4px 4px 4px rgb(74, 174,  
245) }
```

# Background

The CSS property to change the background color of an element to YUV 152.1940, 45.7534, -68.5761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 174, 245) }
```

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

```
.background{ background-color: rgb(74, 174,  
245) }
```

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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