

# Converting Colors

YUV(136.4780, 58.4313,  
-74.9642)

Have a look what the booklet for  
YUV(136.4780, 58.4313, -74.9642)  
contains.

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# Color

**YUV(136.4780, 58.4313,  
-74.9642)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	339DFF
RGB	51, 157, 255
RGB Percent	20%, 62%, 100%
CMY	0.8000, 0.3843, 0.0000
CMYK	0.80, 0.38, 0.00, 0.00
HSL	209°, 100%, 60%
HSV	209°, 80%, 100%
XYZ	31.4722, 32.0377, 99.1329
YIQ	136.4780, -94.6340, 8.0060

# Conversions

## Conversions Part 2

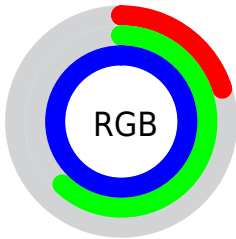
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	51, 121, 255
Decimal	3382783
CIE Lab	63.37, 3.78, -56.99
CIE LCh	63, 57.116, 273.798
Yxy	32.0377, 0.1935, 0.1970
Android (android.graphics.Color)	4281572863 (0xFF339DFF)
YUV	136.4780, 58.4313, -74.9642
Hunter-Lab	56.6019, 0.1976, -64.2195

# Details

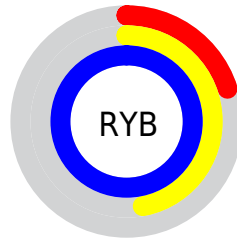
The YUV color **136.4780, 58.4313, -74.9642** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **169.5220, -58.4313, 74.9642**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.9000, 31.6013, -56.0403**, and **84.7940, 55.8106, -74.3643** is the 20% darker color. If you saturate the color by 10%, you get **121.6600, 65.7366, -84.7708**, and if you desaturate by 10%, it is **151.2960, 51.1261, -65.1576**.

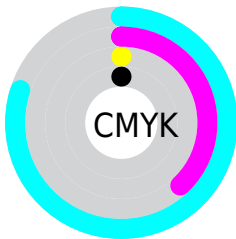
# Distribution



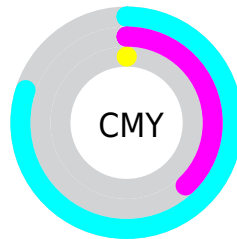
- Red (20%)
- Green (62%)
- Blue (100%)



- Red (20%)
- Yellow (47%)
- Blue (100%)



- Cyan (80%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (38%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 136.4780, 58.4313, -74.9642 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 136.4780, 58.4313, -74.9642 by changing the saturation by 10% instead.



■ 136.4780, 58.4313,  
-74.9642

■ 136.4780, 58.4313,  
-74.9642

255.0000, 0.0000,  
0.0000

■ 102.6610, 60.8061,  
-90.0337

■ 190.9000, 31.6013,  
-56.0403

■ 84.7940, 55.8106,  
-74.3643

■ 217.2030, 18.6339,  
-50.1670

■ 68.1010, 50.2362,  
-59.7246

■ 236.1630, 9.2866,  
-38.7310

■ 51.5220, 45.0987,  
-45.1848

■ 245.4320, 4.7170,  
-19.6729

■ 36.8180, 39.5297,  
-32.2894

254.7010, 0.1474,  
-0.6148

■ 22.1140, 33.9608,  
-19.3940

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,  
-5.9434

■ 3.0950, 9.3202,  
-2.7143

■ 136.4780, 58.4313,  
-74.9642

■ 136.4780, 58.4313,  
-74.9642

■ 121.6600, 65.7366,  
-84.7708

■ 151.2960, 51.1261,  
-65.1576

■ 107.1410, 72.8945,  
-93.9627

■ 166.4020, 43.6788,  
-56.4806

■ 181.2200, 36.3735,  
-46.6739

■ 195.7390, 29.2157,  
-37.4821

■ 210.5570, 21.9104,  
-27.6755

■ 225.6630, 14.4631,  
-18.9985

■ 240.4810, 7.1579,  
-9.1918

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.



127.6060, 57.3822, -111.9105



136.4780, 58.4313, -74.9642



156.5870, 40.1366, 6.5012

# Triad

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



136.4780, 58.4313, -74.9642



151.2630, -25.2727, 79.5763



126.1710, -9.9443, -77.3260

# Complementary

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



136.4780, 58.4313, -74.9642



169.5220, -58.4313, 74.9642

# 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.



141.6890, -38.7937, -17.2673



136.4780, 58.4313, -74.9642



150.0820, -44.4104, 57.8101

# Square

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



136.4780, 58.4313, -74.9642



153.0500, -1.9966, 80.6402



147.0380, -51.2907, 24.5227



122.6120, 17.9393, -107.5307



# Rectangle

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



136.4780, 58.4313, -74.9642



157.8920, 27.6612, 41.3137



147.0380, -51.2907, 24.5227



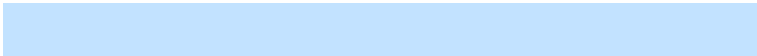
134.5350, -21.9558, -51.3352

# Sweetspot

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



136.4780, 58.4313, -74.9642



219.7380, 17.3842, -22.5722



181.5780, -17.5400, -114.5169



106.3710, 10.6631, -13.4804



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

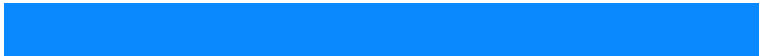


# Same Dimension

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



136.4780, 58.4313, -74.9642



112.4790, 70.2629, -89.8741



78.3650, 87.0811, -23.9991



120.0040, 3.9420, -4.3885



79.8870, 54.7787, -70.0609



26.6670, 18.4052, -23.3870



# Inverse Universe

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



124.0800, 16.2296, 114.8168



97.7330, 19.3586, 137.9232



227.6350, -87.0811, 23.9991



119.5710, 0.7045, 7.3922



68.3950, 15.0883, 107.5246



22.8980, 4.9803, 36.0465



# Previews

## White Background



This preview shows how the YUV color 136.4780, 58.4313, -74.9642 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

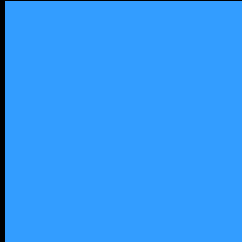
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 136.4780, 58.4313, -74.9642 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

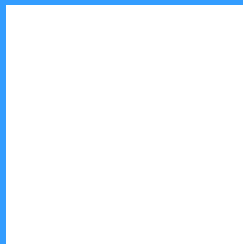
Any Text WCAG AAA ✓ Pass

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

# YUV 136.4780, 58.4313, -74.9642 Background



This preview shows how black text looks on a background with the YUV color 136.4780, 58.4313, -74.9642.



This preview shows how white text looks on a background with the YUV color 136.4780, 58.4313, -74.9642.

-74.9642.

# 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

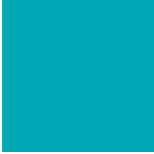
136.4780, 58.4313, -74.9642

### Protanopia

149.5220, 48.5497, -32.0298

### Deuteranopia

143.3990, 55.0193, -53.8469



## **Tritanopia**

119.9510, 30.5902, -105.1970

# Trichromacy



## Original Color

136.4780, 58.4313, -74.9642

## Protanomaly

144.7480, 52.3822, -48.0140

## Deuteranomaly

140.6970, 56.3514, -61.1243

## Tritanomaly

126.3620, 40.7405, -94.1565

# Monochromacy



## Original Color

136.4780, 58.4313, -74.9642

## Achromatopsia

136.0000, 0.0000, 0.0000

## Achromatomaly

136.3290, 21.0368, -27.4755

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 136.4780, 58.4313, -74.9642 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(51, 157, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 157, 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(51, 157, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 157, 255) }
```

## Border

The CSS property to change the border of an element to YUV 136.4780, 58.4313, -74.9642 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(51, 157, 255) }
```



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

```
.border{ border-color:rgb(51, 157, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 157, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 157, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 157, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 157,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 136.4780, 58.4313, -74.9642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 157, 255) }
```

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

```
.background{ background-color: rgb(51, 157,  
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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