

# Converting Colors

YUV(122.2610, 57.5523,  
-73.0199)

Have a look what the booklet for  
YUV(122.2610, 57.5523, -73.0199)  
contains.

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# Color

**YUV(122.2610, 57.5523,  
-73.0199)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	278EEF
RGB	39, 142, 239
RGB Percent	15%, 56%, 94%
CMY	0.8471, 0.4431, 0.0627
CMYK	0.84, 0.41, 0.00, 0.06
HSL	209°, 86%, 55%
HSV	209°, 84%, 94%
XYZ	26.0897, 26.0093, 85.3066
YIQ	122.2610, -92.5250, 8.3310

# Conversions

## Conversions Part 2

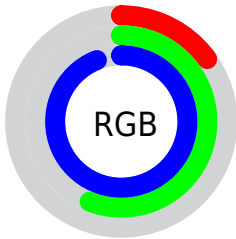
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	39, 107, 239
Decimal	2592495
CIE Lab	58.05, 5.78, -56.71
CIE LCh	58, 57.005, 275.824
Yxy	26.0093, 0.1899, 0.1893
Android (android.graphics.Color)	4280782575 (0xFF278EEF)
YUV	122.2610, 57.5523, -73.0199
Hunter-Lab	50.9993, 2.0662, -63.4748

# Details

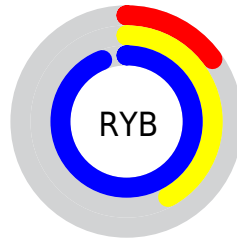
The YUV color **122.2610, 57.5523, -73.0199** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **155.7390, -57.5523, 73.0199**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.8170, 37.5582, -53.3365**, and **75.3390, 52.5839, -66.0723** is the 20% darker color. If you saturate the color by 10%, you get **108.0410, 64.5628, -81.5970**, and if you desaturate by 10%, it is **136.4810, 50.5419, -64.4428**.

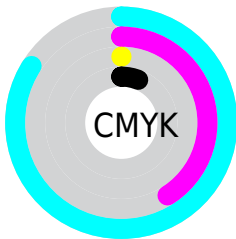
# Distribution



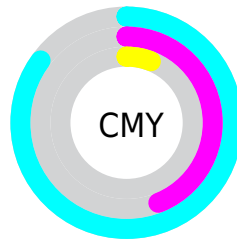
- Red (15%)
- Green (56%)
- Blue (94%)



- Red (15%)
- Yellow (42%)
- Blue (94%)



- Cyan (84%)
- Magenta (41%)
- Yellow (0%)
- Black (6%)



- Cyan (85%)
- Magenta (44%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.2610, 57.5523, -73.0199 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 122.2610, 57.5523, -73.0199 by changing the saturation by 10% instead.



■ 122.2610, 57.5523,  
-73.0199

■ 122.2610, 57.5523,  
-73.0199

255.0000, 0.0000,  
0.0000

■ 92.6190, 57.8688,  
-81.2269

■ 178.8170, 37.5582,  
-53.3365

■ 75.3390, 52.5839,  
-66.0723

■ 205.1200, 24.5908,  
-47.4632

■ 58.7600, 47.4463,  
-51.5325

■ 230.8250, 11.9183,  
-42.8195

■ 42.7680, 42.0194,  
-37.5075

■ 242.4420, 6.1911,  
-25.8206

■ 28.7650, 36.5979,  
-25.2269

■ 251.7110, 1.6215,  
-6.7625

■ 14.7620, 31.1763,  
-12.9463

■ 9.0910, 22.1401,

-7.9728

■ 4.8220, 13.3988,  
-4.2289

■ 0.4560, 1.7472,  
-0.3999

■ 122.2610, 57.5523,  
-73.0199

■ 122.2610, 57.5523,  
-73.0199

■ 108.0410, 64.5628,  
-81.5970

■ 136.4810, 50.5419,  
-64.4428

■ 99.4470, 68.7996,  
-87.2150

■ 150.1140, 43.8208,  
-55.3510

■ 164.3340, 36.8103,  
-46.7739

■ 177.9670, 30.0893,  
-37.6821

■ 192.1870, 23.0788,  
-29.1050

■ 206.1080, 16.2158,  
-21.1427

■ 219.7410, 9.4947,  
-12.0509

■ 233.9610, 2.4842,  
-3.4738

■ 247.5940, -4.2368,  
5.6181

# Harmonies

## Analogous

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



117.2050, 55.6079, -102.7888



122.2610, 57.5523, -73.0199



142.8540, 38.5260, 9.7750

# Triad

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



122.2610, 57.5523, -73.0199



136.4260, -25.8460, 76.8024



104.9780, -3.9332, -92.0657

# Complementary

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



122.2610, 57.5523, -73.0199



155.7390, -57.5523, 73.0199

# 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.



126.8350, -36.8937, -20.0263



122.2610, 57.5523, -73.0199



135.6470, -44.6890, 53.8066

# Square

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



122.2610, 57.5523, -73.0199



137.5230, -2.7228, 80.2253



132.0160, -51.2799, 21.0340



112.5530, 17.4754, -98.7090



# Rectangle

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



122.2610, 57.5523, -73.0199



143.4470, 25.9086, 43.4580



132.0160, -51.2799, 21.0340



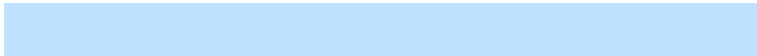
118.7130, -18.5925, -56.7533

# Sweetspot

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



122.2610, 57.5523, -73.0199



217.6670, 18.4052, -23.3870



167.4580, -15.5088, -112.6577



105.1860, 11.2473, -14.1951



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.



122.2610, 57.5523, -73.0199



105.9670, 73.4733, -92.9331



63.5610, 86.4914, -21.5400



112.8900, 3.5052, -4.2885



76.7410, 52.8787, -67.3019



23.4070, 16.0683, -20.5279



# Inverse Universe

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



110.5420, 15.5088, 112.6577



91.1790, 19.6318, 143.6710



214.4390, -86.4914, 21.5400



112.2720, 0.8519, 6.7775



65.8460, 14.3729, 103.6211



20.0500, 4.4123, 31.5282



# Previews

## White Background



This preview shows how the YUV color 122.2610, 57.5523, -73.0199 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

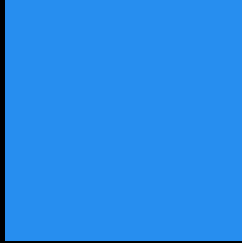
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 122.2610, 57.5523, -73.0199 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

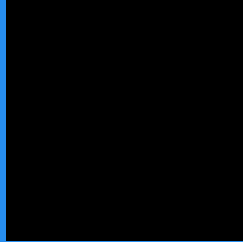
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

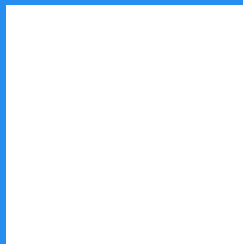
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 122.2610, 57.5523, -73.0199

## Background



This preview shows how black text looks on a background with the YUV color 122.2610, 57.5523, -73.0199.



This preview shows how white text looks on a background with the YUV color 122.2610, 57.5523, -73.0199.



# 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

122.2610, 57.5523, -73.0199

### Protanopia

135.1090, 48.2603, -32.5446

### Deuteranopia

127.0670, 55.1830, -59.6948



## Tritanopia

109.2080, 27.5055, -95.7754

# Trichromacy



## Original Color

122.2610, 57.5523, -73.0199

## Protanomaly

130.8190, 51.3612, -47.1993

## Deuteranomaly

125.5610, 55.9254, -64.5130

## Tritanomaly

114.1240, 38.3929, -87.8087

# Monochromacy



## Original Color

122.2610, 57.5523, -73.0199

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

122.0410, 21.1788, -26.3460

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.2610, 57.5523, -73.0199 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(39, 142, 239)` looks like.

```
.text, #text, p{  
    color:rgb(39, 142, 239)  
}
```

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(39, 142, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 142, 239) }
```

## Border

The CSS property to change the border of an element to YUV 122.2610, 57.5523, -73.0199 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(39, 142, 239) }
```



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

```
.border{ border-color:rgb(39, 142, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 142, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 142, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 142, 239);  
box-shadow:4px 4px 4px 4px rgb(39, 142,  
239) }
```

# Background

The CSS property to change the background color of an element to YUV 122.2610, 57.5523, -73.0199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 142, 239) }
```

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

```
.background{ background-color: rgb(39, 142,  
239) }
```

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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