

# Converting Colors

YUV(174.7280, 39.0811,  
-75.1835)

Have a look what the booklet for  
YUV(174.7280, 39.0811, -75.1835)  
contains.

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# Color

**YUV(174.7280, 39.0811,  
-75.1835)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59CBFE
RGB	89, 203, 254
RGB Percent	35%, 80%, 100%
CMY	0.6510, 0.2039, 0.0039
CMYK	0.65, 0.20, 0.00, 0.00
HSL	199°, 99%, 67%
HSV	199°, 65%, 100%
XYZ	43.3652, 51.9915, 101.5157
YIQ	174.7280, -84.3150, -8.3070

# Conversions

## Conversions Part 2

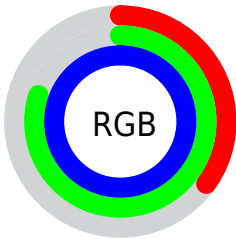
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	89, 156, 254
Decimal	5884926
CIELab	77.28, -17.13, -34.56
CIELCh	77, 38.575, 243.636
Yxy	51.9915, 0.2203, 0.2641
Android (android.graphics.Color)	4284075006 (0xFF59CBFE)
YUV	174.7280, 39.0811, -75.1835
Hunter-Lab	72.1051, -18.8312, -32.9999

# Details

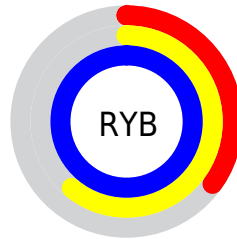
The YUV color **174.7280, 39.0811, -75.1835** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **168.2720, -39.0811, 75.1835**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.8010, 14.8881, -62.0925**, and **109.9210, 42.9299, -96.4007** is the 20% darker color. If you saturate the color by 10%, you get **162.5570, 45.0814, -86.4345**, and if you desaturate by 10%, it is **186.8990, 33.0808, -63.9324**.

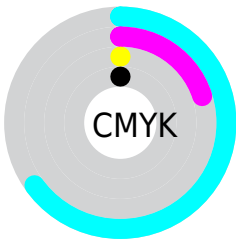
# Distribution



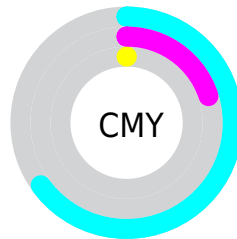
- Red (35%)
- Green (80%)
- Blue (100%)



- Red (35%)
- Yellow (61%)
- Blue (100%)



- Cyan (65%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 174.7280, 39.0811, -75.1835 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 174.7280, 39.0811, -75.1835 by changing the saturation by 10% instead.



174.7280, 39.0811,  
-75.1835

174.7280, 39.0811,  
-75.1835

255.0000, 0.0000,  
0.0000

143.9120, 39.9764,  
-82.3608

224.8010, 14.8881,  
-62.0925

109.9210, 42.9299,  
-96.4007

233.7710, 10.4659,  
-43.6492

91.5810, 38.6606,  
-80.3165

243.0400, 5.8963,  
-24.5911

73.8280, 34.1018,  
-64.7472

252.3090, 1.3267,  
-5.5330

56.7760, 29.6904,  
-49.7926

41.0120, 25.1371,  
-35.9675

26.5360, 20.4418,

-23.2721

■ 7.5920, 18.9351,  
-6.6582

■ 3.3230, 10.1938,  
-2.9143

■ 174.7280, 39.0811,  
-75.1835

■ 174.7280, 39.0811,  
-75.1835

■ 162.5570, 45.0814,  
-86.4345

■ 186.8990, 33.0808,  
-63.9324

■ 150.0870, 51.2291,  
-98.3003

■ 199.3690, 26.9331,  
-52.0666

■ 137.9160, 57.2294,  
-109.5513

■ 211.5400, 20.9328,  
-40.8156

■ 131.6810, 60.3033,  
-115.4842

■ 223.4230, 15.0745,  
-28.4350

■ 235.5940, 9.0742,  
-17.1839

■ 247.7650, 3.0739,  
-5.9329

254.8860, -0.4368,  
0.1000

# Harmonies

## Analogous

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



165.2340, 31.4366, -96.6752



174.7280, 39.0811, -75.1835



186.6130, 33.7148, -33.8636

# Triad

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



174.7280, 39.0811, -75.1835



193.3580, -2.6415, 54.0600



184.5340, -26.8853, -10.1153

# Complementary

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



174.7280, 39.0811, -75.1835



168.2720, -39.0811, 75.1835

# 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.



188.1850, -34.1082, 20.0088



174.7280, 39.0811, -75.1835



191.7160, -19.0870, 55.5001

# Square

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



174.7280, 39.0811, -75.1835



195.7980, 13.4106, 38.7652



191.1370, -31.1265, 43.7299



178.3910, -10.0528, -42.4389



# Rectangle

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



174.7280, 39.0811, -75.1835



192.0940, 31.0127, -7.0984



191.1370, -31.1265, 43.7299



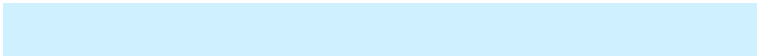
185.3890, -30.2648, 0.5358

# Sweetspot

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



174.7280, 39.0811, -75.1835



231.8430, 11.4164, -21.7873



191.5550, -25.9096, -89.9407



113.1600, 7.3161, -13.2953



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.



174.7280, 39.0811, -75.1835



159.6920, 46.9868, -90.9379



127.1810, 62.5218, -33.4847



121.7650, 3.0739, -5.9329



99.2580, 45.2288, -87.0493



33.1240, 15.2219, -29.0497



# Inverse Universe

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



151.3310, 25.4728, 90.0407



131.2330, 30.9441, 108.5437



215.8190, -62.5218, 33.4847



119.9130, 2.0149, 7.0923



72.1570, 29.5026, 104.2253

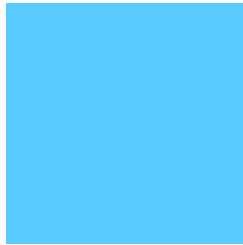


24.1520, 9.7851, 34.9467



# Previews

## White Background



This preview shows how the YUV color 174.7280, 39.0811, -75.1835 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

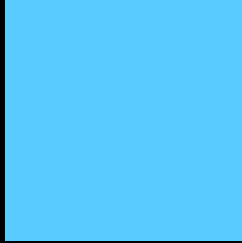
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 174.7280, 39.0811, -75.1835 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

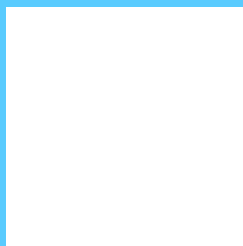
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 174.7280, 39.0811, -75.1835

## Background



This preview shows how black text looks on a background with the YUV color 174.7280, 39.0811, -75.1835.



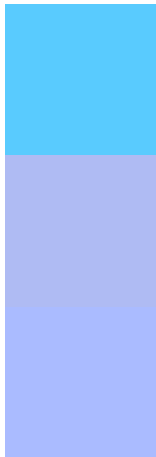
This preview shows how white text looks on a background with the YUV color 174.7280, 39.0811, -75.1835.

-75.1835.

# 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

174.7280, 39.0811, -75.1835

### Protanopia

189.7960, 26.2296, -12.9761

### Deuteranopia

189.6690, 32.2082, -17.2497



## Tritanopia

169.5730, 27.3255, -84.6945

# Trichromacy



## Original Color

174.7280, 39.0811, -75.1835

## Protanomaly

184.5050, 30.8100, -35.5229

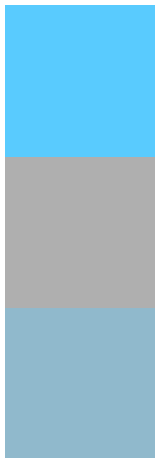
## Deuteranomaly

184.5200, 34.7466, -38.1670

## Tritanomaly

171.4470, 31.8246, -81.0760

# Monochromacy



## Original Color

174.7280, 39.0811, -75.1835

## Achromatopsia

175.0000, 0.0000, 0.0000

## Achromatomaly

174.9070, 14.3428, -27.1054

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 174.7280, 39.0811, -75.1835 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(89, 203, 254)` looks like.

```
.text, #text, p{  
    color:rgb(89, 203, 254)  
}
```

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(89, 203, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 203, 254) }
```

## Border

The CSS property to change the border of an element to YUV 174.7280, 39.0811, -75.1835 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(89, 203, 254) }
```



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

```
.border{ border-color:rgb(89, 203, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 203, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 203, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 203, 254);  
box-shadow:4px 4px 4px 4px rgb(89, 203,  
254) }
```

# Background

The CSS property to change the background color of an element to YUV 174.7280, 39.0811, -75.1835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 203, 254) }
```

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

```
.background{ background-color: rgb(89, 203,  
254) }
```

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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