

Converting Colors

YUV(175.4400, 39.2231,
-74.0539)

Have a look what the booklet for
YUV(175.4400, 39.2231, -74.0539)
contains.

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Color

**YUV(175.4400, 39.2231,
-74.0539)**

Conversions

Conversions Part 1

Format	Color
Hex	5BCBFF
RGB	91, 203, 255
RGB Percent	36%, 80%, 100%
CMY	0.6431, 0.2039, 0.0000
CMYK	0.64, 0.20, 0.00, 0.00
HSL	199°, 100%, 68%
HSV	199°, 64%, 100%
XYZ	43.7203, 52.1560, 102.3706
YIQ	175.4400, -83.4440, -7.5720

Conversions

Conversions Part 2

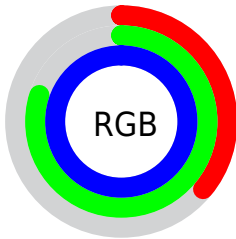
Format	Color
R_{YB}	91, 158, 255
Decimal	6015999
CIE _{Lab}	77.37, -16.51, -34.94
CIE _{LCh}	77, 38.643, 244.714
Yxy	52.1560, 0.2205, 0.2631
Android (android.graphics.Color)	4284206079 (0xFF5BCBFF)
YUV	175.4400, 39.2231, -74.0539
Hunter-Lab	72.2191, -18.3224, -33.4901

Details

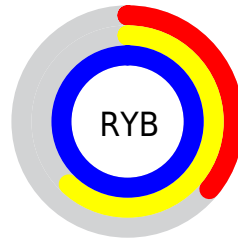
The YUV color **175.4400, 39.2231, -74.0539** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **170.5600, -39.2231, 74.0539**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1000, 14.7407, -61.4777**, and **110.0350, 43.3667, -96.5007** is the 20% darker color. If you saturate the color by 10%, you get **163.2690, 45.2234, -85.3049**, and if you desaturate by 10%, it is **187.9100, 33.0754, -62.1881**.

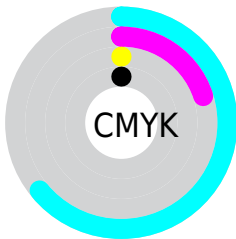
Distribution



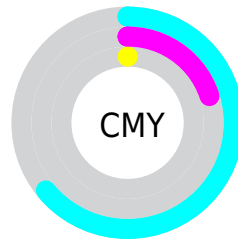
- Red (36%)
- Green (80%)
- Blue (100%)



- Red (36%)
- Yellow (62%)
- Blue (100%)



- Cyan (64%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.4400, 39.2231, -74.0539 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 175.4400, 39.2231, -74.0539 by changing the saturation by 10% instead.

■ 175.4400, 39.2231,
-74.0539

■ 175.4400, 39.2231,
-74.0539

255.0000, 0.0000,
0.0000

■ 144.9230, 39.9710,
-80.6165

■ 225.1000, 14.7407,
-61.4777

■ 110.0350, 43.3667,
-96.5007

■ 234.3690, 10.1711,
-42.4196

■ 91.6950, 39.0974,
-80.4165

■ 243.6380, 5.6015,
-23.3615

■ 73.9420, 34.5386,
-64.8471

■ 252.9070, 1.0318,
-4.3034

■ 56.8900, 30.1272,
-49.8925

■ 41.1260, 25.5739,
-36.0675

■ 26.6500, 20.8786,

-23.3720

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 175.4400, 39.2231,
-74.0539

■ 175.4400, 39.2231,
-74.0539

■ 163.2690, 45.2234,
-85.3049

■ 187.9100, 33.0754,
-62.1881

■ 150.7990, 51.3711,
-97.1707

■ 200.0810, 27.0751,
-50.9370

■ 138.6280, 57.3714,
-108.4218

■ 212.5510, 20.9274,
-39.0712

■ 131.2080, 61.0295,
-115.0694

■ 224.7220, 14.9271,
-27.8202

■ 237.1920, 8.7793,
-15.9544

■ 249.9500, 2.4897,
-5.2181

■ 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.



165.4620, 32.3102, -96.8752



175.4400, 39.2231, -74.0539



187.2110, 33.4200, -32.6340

Triad

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



175.4400, 39.2231, -74.0539



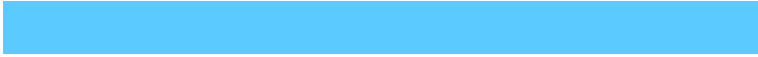
193.2440, -3.0783, 54.1600



184.0500, -26.1536, -11.4448

Complementary

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



175.4400, 39.2231, -74.0539



170.5600, -39.2231, 74.0539

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.



188.4730, -34.2502, 18.8792



175.4400, 39.2231, -74.0539



192.1890, -19.8132, 55.0852

Square

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



175.4400, 39.2231, -74.0539



195.9830, 12.8264, 39.4799



190.7240, -31.4159, 43.2151



178.4940, -9.6105, -44.2832

Rectangle

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



175.4400, 39.2231, -74.0539



192.9910, 30.5704, -5.2541



190.7240, -31.4159, 43.2151



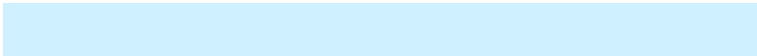
185.7910, -29.9700, -0.6937

Sweetspot

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



175.4400, 39.2231, -74.0539



231.8430, 11.4164, -21.7873



193.1960, -24.7466, -89.6259



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.



175.4400, 39.2231, -74.0539



160.0020, 46.8340, -88.5788



127.3060, 62.9531, -31.8404



121.1780, 3.3632, -5.4181



98.6710, 45.5182, -86.5345



33.1240, 15.2219, -29.0497

Inverse Universe

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



152.8040, 24.7466, 89.6259



132.8800, 29.6392, 107.0992



218.6940, -62.9531, 31.8404



119.7990, 1.5781, 7.1923



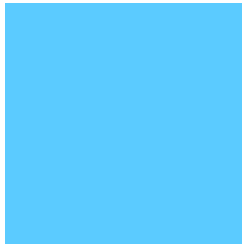
72.0430, 29.0658, 104.3253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 175.4400, 39.2231, -74.0539 looks on a white background.

Color Contrast Check

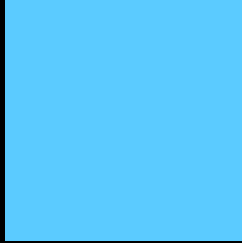
Large Text (above 18pt) WCAG AA × Fail

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 175.4400, 39.2231, -74.0539 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

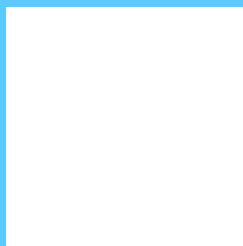
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 175.4400, 39.2231, -74.0539

Background



This preview shows how black text looks on a background with the YUV color 175.4400, 39.2231, -74.0539.

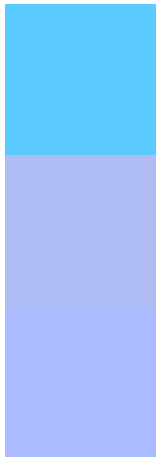


This preview shows how white text looks on a background with the YUV color 175.4400, 39.2231, -74.0539.

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

175.4400, 39.2231, -74.0539

Protanopia

190.4970, 26.3770, -13.5909

Deuteranopia

189.9680, 32.0608, -16.6349



Tritanopia

170.1710, 27.0307, -83.4650

Trichromacy



Original Color

175.4400, 39.2231, -74.0539

Protanomaly

184.6190, 31.2468, -35.6229

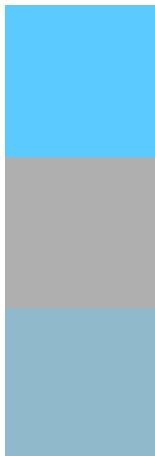
Deuteranomaly

184.8190, 34.5992, -37.5523

Tritanomaly

172.0450, 31.5298, -79.8465

Monochromacy



Original Color

175.4400, 39.2231, -74.0539

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 175.4400, 39.2231, -74.0539 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(91, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(91, 203, 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(91, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 203, 255) }
```

Border

The CSS property to change the border of an element to YUV 175.4400, 39.2231, -74.0539 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(91, 203, 255) }
```


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

```
.border{ border-color:rgb(91, 203, 255) }
```

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

Here you see how a box with a 4 pixel rgb(91, 203, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(91, 203,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 175.4400, 39.2231, -74.0539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 203, 255) }
```

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

```
.background{ background-color: rgb(91, 203,  
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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