

Converting Colors

YUV(174.2330, 39.8181,
-78.2573)

Have a look what the booklet for
YUV(174.2330, 39.8181, -78.2573)
contains.

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Color

**YUV(174.2330, 39.8181,
-78.2573)**

Conversions

Conversions Part 1

Format	Color
Hex	55CCFF
RGB	85, 204, 255
RGB Percent	33%, 80%, 100%
CMY	0.6667, 0.2000, 0.0000
CMYK	0.67, 0.20, 0.00, 0.00
HSL	198°, 100%, 67%
HSV	198°, 67%, 100%
XYZ	43.3892, 52.3370, 102.4229
YIQ	174.2330, -87.2950, -9.3670

Conversions

Conversions Part 2

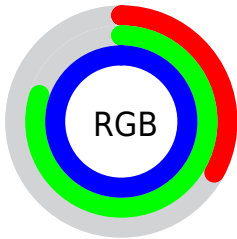
Format	Color
R_{YB}	85, 155, 255
Decimal	5623039
CIE _{Lab}	77.48, -17.95, -34.79
CIE _{LCh}	77, 39.145, 242.710
Yxy	52.3370, 0.2190, 0.2641
Android (android.graphics.Color)	4283813119 (0xFF55CCFF)
YUV	174.2330, 39.8181, -78.2573
Hunter-Lab	72.3443, -19.5456, -33.3000

Details

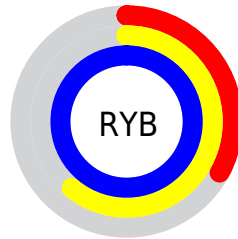
The YUV color **174.2330, 39.8181, -78.2573** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **165.7670, -39.8181, 78.2573**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.9040, 15.3303, -63.9368**, and **110.6220, 43.0774, -97.0155** is the 20% darker color. If you saturate the color by 10%, you get **161.7630, 45.9658, -90.1232**, and if you desaturate by 10%, it is **186.4040, 33.8178, -67.0063**.

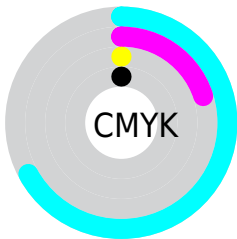
Distribution



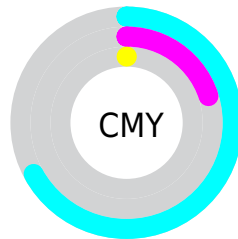
- Red (33%)
- Green (80%)
- Blue (100%)



- Red (33%)
- Yellow (61%)
- Blue (100%)



- Cyan (67%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.2330, 39.8181, -78.2573 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 174.2330, 39.8181, -78.2573 by changing the saturation by 10% instead.

■ 174.2330, 39.8181,
-78.2573

■ 174.2330, 39.8181,
-78.2573

255.0000, 0.0000,
0.0000

■ 142.5200, 41.1556,
-87.2790

■ 223.9040, 15.3303,
-63.9368

■ 110.6220, 43.0774,
-97.0155

■ 233.1730, 10.7607,
-44.8787

■ 92.2820, 38.8080,
-80.9313

■ 242.4420, 6.1911,
-25.8206

■ 74.5290, 34.2492,
-65.3619

■ 251.7110, 1.6215,
-6.7625

■ 57.4770, 29.8378,
-50.4073

■ 41.1260, 25.5739,
-36.0675

■ 26.6500, 20.8786,

-23.3720

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 174.2330, 39.8181,
-78.2573

■ 174.2330, 39.8181,
-78.2573

■ 161.7630, 45.9658,
-90.1232

■ 186.4040, 33.8178,
-67.0063

■ 150.1790, 51.6768,
-101.8890

■ 198.2870, 27.9595,
-54.6257

■ 137.7090, 57.8245,
-113.7548

■ 210.7570, 21.8118,
-42.7599

■ 133.5560, 59.8719,
-117.1286

■ 222.9280, 15.8115,
-31.5089

■ 234.5120, 10.1006,
-19.7430

■ 246.9820, 3.9529,
-7.8772

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.



164.3260, 31.8843, -100.2639



174.2330, 39.8181, -78.2573



186.3030, 33.8676, -36.2227

Triad

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



174.2330, 39.8181, -78.2573



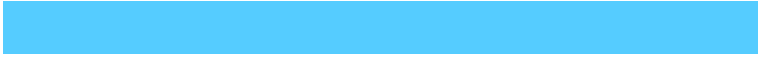
193.4720, -2.2047, 53.9601



184.7190, -27.4695, -9.4006

Complementary

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



174.2330, 39.8181, -78.2573



165.7670, -39.8181, 78.2573

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.



188.6690, -34.8398, 21.3383



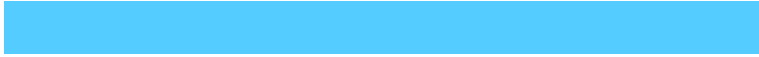
174.2330, 39.8181, -78.2573



191.8300, -18.6502, 55.4001

Square

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



174.2330, 39.8181, -78.2573



196.6130, 13.9948, 38.0504



191.7350, -31.4214, 44.9594



179.1630, -10.9264, -42.2390

Rectangle

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



174.2330, 39.8181, -78.2573



192.3820, 30.8707, -8.2280



191.7350, -31.4214, 44.9594



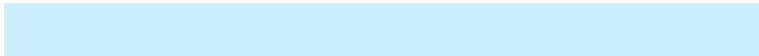
186.4600, -31.2858, 1.3506

Sweetspot

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



174.2330, 39.8181, -78.2573



230.9460, 11.8586, -23.6316



190.6040, -26.9198, -92.6147



112.8610, 7.4635, -13.9101



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.



174.2330, 39.8181, -78.2573



158.1970, 47.7239, -94.0118



124.3380, 64.4164, -34.4994



121.7650, 3.0739, -5.9329



100.4320, 44.6500, -88.0789



33.7110, 14.9325, -29.5645

Inverse Universe

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



149.3960, 26.9198, 92.6147



128.2980, 32.3911, 111.1177



215.6620, -64.4164, 34.4994



119.9130, 2.0149, 7.0923



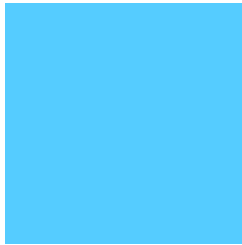
72.3850, 30.3762, 104.0254



24.2660, 10.2219, 34.8467

Previews

White Background



This preview shows how the YUV color 174.2330, 39.8181, -78.2573 looks on a white background.

Color Contrast Check

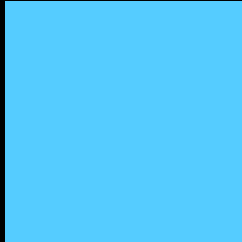
Large Text (above 18pt) WCAG AA × Fail

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 174.2330, 39.8181, -78.2573 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

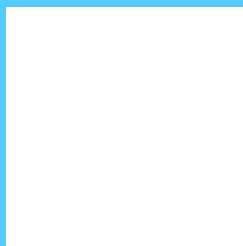
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 174.2330, 39.8181, -78.2573

Background



This preview shows how black text looks on a background with the YUV color 174.2330, 39.8181, -78.2573.



This preview shows how white text looks on a background with the YUV color 174.2330, 39.8181, -78.2573.

-78.2573.

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

174.2330, 39.8181, -78.2573

Protanopia

190.6820, 25.7928, -12.8761

Deuteranopia

190.5550, 31.7714, -17.1497



Tritanopia

168.7790, 28.2100, -88.3832

Trichromacy



Original Color

174.2330, 39.8181, -78.2573

Protanomaly

184.7930, 30.6681, -36.6525

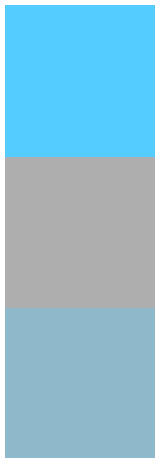
Deuteranomaly

184.8080, 34.6047, -39.2966

Tritanomaly

170.6530, 32.7091, -84.7647

Monochromacy



Original Color

174.2330, 39.8181, -78.2573

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.1950, 14.2009, -28.2350

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.2330, 39.8181, -78.2573 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(85, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(85, 204, 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(85, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 204, 255) }
```

Border

The CSS property to change the border of an element to YUV 174.2330, 39.8181, -78.2573 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(85, 204, 255) }
```


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

```
.border{ border-color:rgb(85, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(85, 204,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 174.2330, 39.8181, -78.2573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 204, 255) }
```

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

```
.background{ background-color: rgb(85, 204,  
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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