

Converting Colors

YUV(173.8180, 39.0367,
-107.7114)

Have a look what the booklet for
YUV(173.8180, 39.0367, -107.7114)
contains.

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Color

**YUV(173.8180, 39.0367,
-107.7114)**

Conversions

Conversions Part 1

Format	Color
Hex	33DDFD
RGB	51, 221, 253
RGB Percent	20%, 87%, 99%
CMY	0.8000, 0.1333, 0.0078
CMYK	0.80, 0.13, 0.00, 0.01
HSL	190°, 98%, 60%
HSV	190°, 80%, 99%
XYZ	44.9513, 59.5086, 102.0456
YIQ	173.8180, -111.5920, -26.0880

Conversions

Conversions Part 2

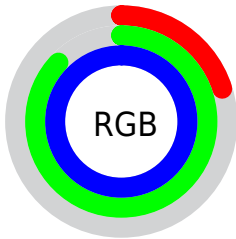
Format	Color
RYB	51, 143, 253
Decimal	3399165
CIELab	81.57, -31.00, -27.50
CIELCh	82, 41.442, 221.570
Yxy	59.5086, 0.2177, 0.2882
Android (android.graphics.Color)	4281589245 (0xFF33DDFD)
YUV	173.8180, 39.0367, -107.7114
Hunter-Lab	77.1418, -30.9843, -24.4315

Details

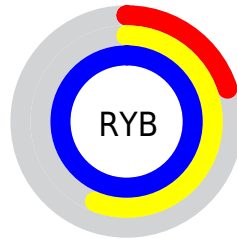
The YUV color **173.8180, 39.0367, -107.7114** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **130.1820, -39.0367, 107.7114**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.9240, 18.2785, -76.2323**, and **119.7860, 37.5735, -105.0523** is the 20% darker color. If you saturate the color by 10%, you get **163.9950, 43.8795, -121.0216**, and if you desaturate by 10%, it is **183.6410, 34.1940, -94.4012**.

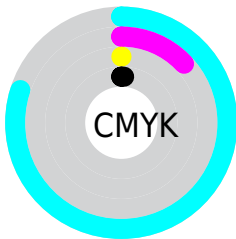
Distribution



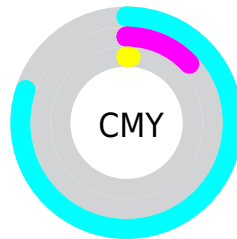
- Red (20%)
- Green (87%)
- Blue (99%)



- Red (20%)
- Yellow (56%)
- Blue (99%)



- Cyan (80%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (80%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.8180, 39.0367, -107.7114 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 173.8180, 39.0367, -107.7114 by changing the saturation by 10% instead.

173.8180, 39.0367,
-107.7114

173.8180, 39.0367,
-107.7114

255.0000, 0.0000,
0.0000

138.8270, 41.9903,
-121.7513

217.9240, 18.2785,
-76.2323

119.7860, 37.5735,
-105.0523

227.7910, 13.4140,
-55.9447

100.8590, 33.5935,
-88.4533

237.3590, 8.6970,
-36.2718

82.5190, 29.3241,
-72.3692

246.9270, 3.9800,
-16.5990

64.9940, 25.6390,
-56.9997

48.0560, 21.6644,
-42.1451

32.4060, 17.5478,

-28.4201

■ 13.4620, 16.0412,
-11.8062

■ 3.4370, 10.6306,
-3.0142

■ 173.8180, 39.0367,
-107.7114

■ 173.8180, 39.0367,
-107.7114

■ 163.9950, 43.8795,
-121.0216

■ 183.6410, 34.1940,
-94.4012

■ 153.8730, 48.8696,
-134.9466

■ 193.7630, 29.2038,
-80.4762

■ 203.5860, 24.3611,
-67.1659

■ 213.4090, 19.5184,
-53.8557

■ 223.5310, 14.5282,
-39.9307

■ 233.3540, 9.6855,
-26.6205

■ 243.1770, 4.8427,
-13.3102

■ 253.0000, 0.0000,
0.0000

■ 254.7720, -0.8736,
0.2000

Harmonies

Analogous

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



177.4550, 19.4957, -93.3610



173.8180, 39.0367, -107.7114



185.7950, 34.1181, -69.9802

Triad

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



173.8180, 39.0367, -107.7114



205.5490, 11.0683, 43.3685



198.6850, -35.8337, 13.4313

Complementary

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



173.8180, 39.0367, -107.7114



130.1820, -39.0367, 107.7114

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.



201.8610, -35.9205, 41.3409



173.8180, 39.0367, -107.7114



199.3420, -5.0986, 48.8121

Square

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



173.8180, 39.0367, -107.7114



206.7120, 23.8060, 17.7926



199.3470, -22.8491, 48.8077



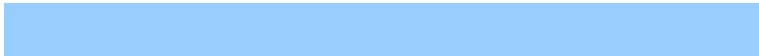
194.2230, -25.2529, -20.3666

Rectangle

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



173.8180, 39.0367, -107.7114



195.1410, 29.5105, -38.7117



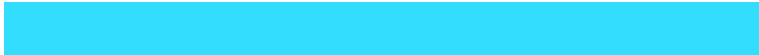
199.3470, -22.8491, 48.8077



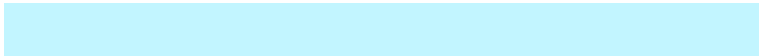
199.9960, -37.4660, 23.6825

Sweetspot

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



173.8180, 39.0367, -107.7114



230.8910, 11.8857, -32.3534



172.9940, -45.3530, -106.9887



113.4150, 7.1904, -19.6580



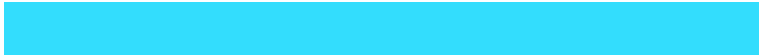
0.0000, 0.0000, 0.0000



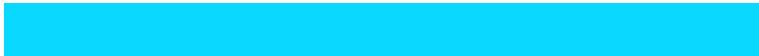
128.0000, 0.0000, 0.0000

Same Dimension

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



173.8180, 39.0367, -107.7114



158.8520, 47.4010, -130.5432



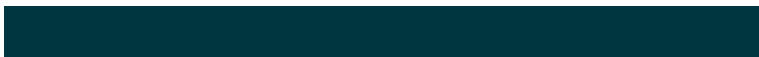
115.7050, 67.6864, -56.7463



122.3520, 2.7845, -6.4477



116.2810, 36.8365, -101.9784



38.9940, 12.3280, -34.1977

Inverse Universe

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



130.7780, 44.4794, 107.1887



106.7390, 53.8657, 130.0249



188.2950, -67.6864, 56.7463



120.0270, 2.4517, 6.9923



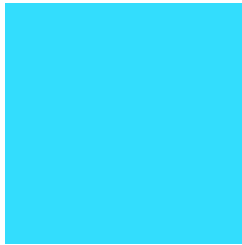
75.4630, 42.1697, 101.3259



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 173.8180, 39.0367, -107.7114 looks on a white background.

Color Contrast Check

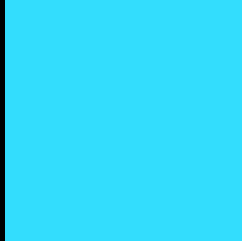
Large Text (above 18pt) WCAG AA × Fail

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 173.8180, 39.0367, -107.7114 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 173.8180, 39.0367, -107.7114 Background



This preview shows how black text looks on a background with the YUV color 173.8180, 39.0367, -107.7114.

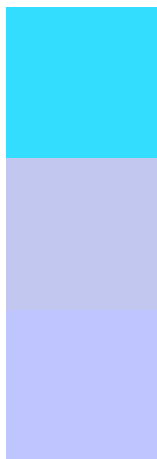


This preview shows how white text looks on a background with the YUV color 173.8180, 39.0367, -107.7114.

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

173.8180, 39.0367, -107.7114

Protanopia

201.6520, 17.9196, -7.5878

Deuteranopia

202.4050, 25.9293, -10.0022



Tritanopia

169.4380, 35.2801, -116.1481

Trichromacy



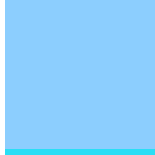
Original Color

173.8180, 39.0367, -107.7114



Protanomaly

191.3700, 25.4536, -44.1745



Deuteranomaly

191.7380, 30.6952, -45.3742



Tritanomaly

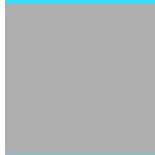
170.8020, 36.5796, -112.9594

Monochromacy



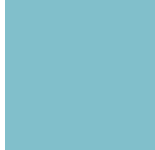
Original Color

173.8180, 39.0367, -107.7114



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.8300, 14.3808, -39.3159

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.8180, 39.0367, -107.7114 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, 221, 253)` looks like.

```
.text, #text, p{  
    color:rgb(51, 221, 253)  
}
```

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, 221, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 221, 253) }
```

Border

The CSS property to change the border of an element to YUV 173.8180, 39.0367, -107.7114 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, 221, 253) }
```


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

```
.border{ border-color:rgb(51, 221, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 221, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 221, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 221, 253);  
box-shadow:4px 4px 4px 4px rgb(51, 221,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 173.8180, 39.0367, -107.7114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 221, 253) }
```

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

```
.background{ background-color: rgb(51, 221,  
253) }
```

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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