

Converting Colors

YUV(173.9800, 39.9429,
-118.3775)

Have a look what the booklet for
YUV(173.9800, 39.9429, -118.3775)
contains.

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Color

**YUV(173.9800, 39.9429,
-118.3775)**

Conversions

Conversions Part 1

Format	Color
Hex	27E3FF
RGB	39, 227, 255
RGB Percent	15%, 89%, 100%
CMY	0.8471, 0.1098, 0.0000
CMYK	0.85, 0.11, 0.00, 0.00
HSL	188°, 100%, 58%
HSV	188°, 85%, 100%
XYZ	46.3558, 62.5895, 104.2455
YIQ	173.9800, -121.0360, -31.1480

Conversions

Conversions Part 2

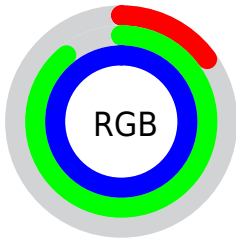
Format	Color
R _Y B	39, 140, 255
Decimal	2614271
CIE Lab	83.23, -34.13, -26.04
CIE LCh	83, 42.926, 217.346
Yxy	62.5895, 0.2174, 0.2936
Android (android.graphics.Color)	4280804351 (0xFF27E3FF)
YUV	173.9800, 39.9429, -118.3775
Hunter-Lab	79.1135, -33.8584, -22.7452

Details

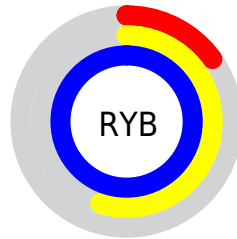
The YUV color **173.9800, 39.9429, -118.3775** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **120.0200, -39.9429, 118.3775**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.4290, 19.0155, -79.3062**, and **122.9490, 37.0001, -107.8263** is the 20% darker color. If you saturate the color by 10%, you get **164.7440, 44.4962, -132.2025**, and if you desaturate by 10%, it is **183.5150, 35.2421, -103.9377**.

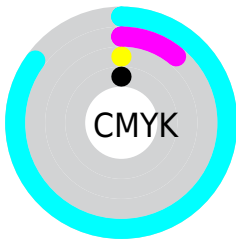
Distribution



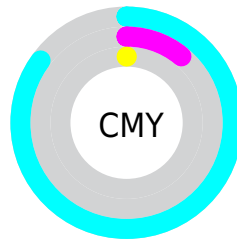
- Red (15%)
- Green (89%)
- Blue (100%)



- Red (15%)
- Yellow (55%)
- Blue (100%)



- Cyan (85%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.9800, 39.9429, -118.3775 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 173.9800, 39.9429, -118.3775 by changing the saturation by 10% instead.

173.9800, 39.9429,
-118.3775

173.9800, 39.9429,
-118.3775

255.0000, 0.0000,
0.0000

142.5770, 41.1275,
-125.0400

216.4290, 19.0155,
-79.3062

122.9490, 37.0001,
-107.8263

226.5950, 14.0037,
-58.4038

104.0220, 33.0202,
-91.2273

236.4620, 9.1392,
-38.1162

85.6820, 28.7508,
-75.1431

246.0300, 4.4222,
-18.4433

68.1570, 25.0656,
-59.7737

51.2190, 21.0910,
-44.9191

34.9820, 17.2639,

-30.6792

■ 18.3860, 14.5997,
-16.1245

■ 3.5510, 11.0674,
-3.1142

■ 173.9800, 39.9429,
-118.3775

■ 173.9800, 39.9429,
-118.3775

■ 164.7440, 44.4962,
-132.2025

■ 183.5150, 35.2421,
-103.9377

■ 159.3840, 47.1387,
-139.7798

■ 193.3380, 30.3994,
-90.6274

■ 202.8730, 25.6986,
-76.1876

■ 212.1090, 21.1453,
-62.3626

■ 222.2310, 16.1551,
-48.4376

■ 231.4670, 11.6018,
-34.6126

■ 241.0020, 6.9010,
-20.1728

■ 250.2380, 2.3477,
-6.3477

■ 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.



181.7710, 16.8749, -92.7612



173.9800, 39.9429, -118.3775



186.9140, 33.5664, -79.7316

Triad

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



173.9800, 39.9429, -118.3775



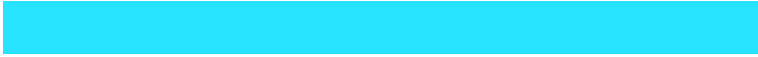
209.7380, 14.4262, 39.6948



203.4360, -38.1759, 18.0346

Complementary

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



173.9800, 39.9429, -118.3775



120.0200, -39.9429, 118.3775

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.



205.2850, -35.6365, 43.6001



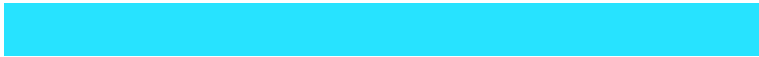
173.9800, 39.9429, -118.3775



202.2430, -1.5988, 46.2679

Square

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



173.9800, 39.9429, -118.3775



209.6360, 22.3645, 13.4742



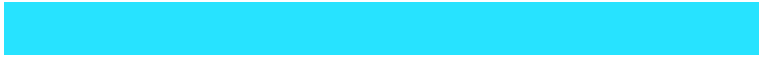
201.3190, -20.3703, 47.0782



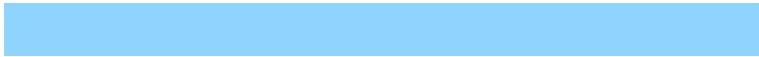
198.8600, -28.0320, -15.6632

Rectangle

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



173.9800, 39.9429, -118.3775



196.2710, 28.9534, -46.7187



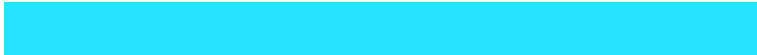
201.3190, -20.3703, 47.0782



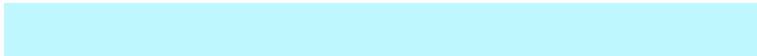
204.9750, -38.9347, 28.0859

Sweetspot

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



173.9800, 39.9429, -118.3775



231.1680, 11.7492, -35.2273



168.6420, -51.5885, -113.6960



113.4040, 7.1958, -21.4023



0.0000, 0.0000, 0.0000



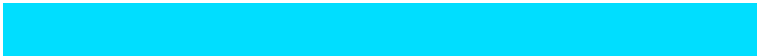
128.0000, 0.0000, 0.0000

Same Dimension

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



173.9800, 39.9429, -118.3775



159.3840, 47.1387, -139.7798



112.3450, 70.3289, -64.3236



122.9390, 2.4951, -6.9625



119.2160, 35.3895, -104.5524



39.5810, 12.0386, -34.7125

Inverse Universe

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



125.0160, 50.2781, 113.9960



101.5530, 59.3804, 134.5730



181.6550, -70.3289, 64.3236



120.1410, 2.8885, 6.8923



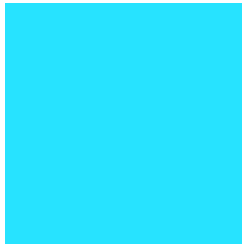
76.0330, 44.3537, 100.8261



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 173.9800, 39.9429, -118.3775 looks on a white background.

Color Contrast Check

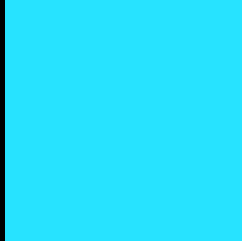
Large Text (above 18pt) WCAG AA × Fail

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 173.9800, 39.9429, -118.3775 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 173.9800, 39.9429, -118.3775 Background



This preview shows how black text looks on a background with the YUV color 173.9800, 39.9429, -118.3775.



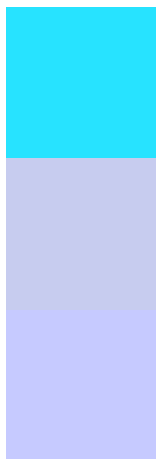
This preview shows how white text looks on a background with the YUV color 173.9800, 39.9429, -118.3775.

-118.3775.

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

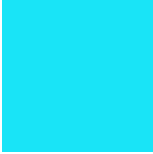
173.9800, 39.9429, -118.3775

Protanopia

206.4950, 16.0250, -6.5731

Deuteranopia

206.8460, 23.7399, -7.7579



Tritanopia

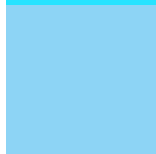
169.4690, 38.2228, -126.6993

Trichromacy



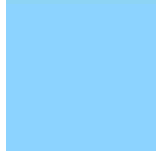
Original Color

173.9800, 39.9429, -118.3775



Protanomaly

194.5330, 24.8802, -46.9484



Deuteranomaly

194.7870, 29.6850, -48.0482



Tritanomaly

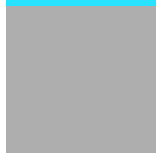
171.3060, 38.7961, -123.9254

Monochromacy



Original Color

173.9800, 39.9429, -118.3775



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.8080, 14.3917, -42.8046

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.9800, 39.9429, -118.3775 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, 227, 255)` looks like.

```
.text, #text, p{  
  color:rgb(39, 227, 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(39, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 227, 255) }
```

Border

The CSS property to change the border of an element to YUV 173.9800, 39.9429, -118.3775 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, 227, 255) }
```


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

```
.border{ border-color:rgb(39, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(39, 227,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 173.9800, 39.9429, -118.3775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 227, 255) }
```

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

```
.background{ background-color: rgb(39, 227,  
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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