

Converting Colors

YUV(170.2130, 39.8280,
-128.2288)

Have a look what the booklet for
YUV(170.2130, 39.8280, -128.2288)
contains.

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Color

**YUV(170.2130, 39.8280,
-128.2288)**

Conversions

Conversions Part 1

Format	Color
Hex	18E5FB
RGB	24, 229, 251
RGB Percent	9%, 90%, 98%
CMY	0.9059, 0.1020, 0.0157
CMYK	0.90, 0.09, 0.00, 0.02
HSL	186°, 97%, 54%
HSV	186°, 90%, 98%
XYZ	45.8086, 63.1978, 101.0508
YIQ	170.2130, -129.2420, -36.6180

Conversions

Conversions Part 2

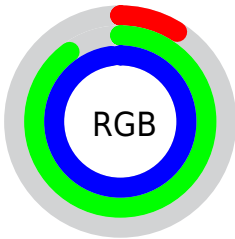
Format	Color
R_{YB}	24, 132, 251
Decimal	1631739
CIE _{Lab}	83.55, -37.06, -23.45
CIE _{LCh}	84, 43.858, 212.327
Yxy	63.1978, 0.2181, 0.3009
Android (android.graphics.Color)	4279821819 (0xFF18E5FB)
YUV	170.2130, 39.8280, -128.2288
Hunter-Lab	79.4971, -36.2629, -19.7171

Details

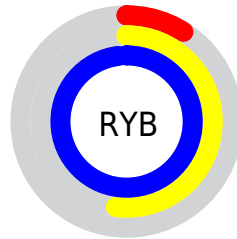
The YUV color **170.2130, 39.8280, -128.2288** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **104.7870, -39.8280, 128.2288**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9340, 19.7525, -82.3801**, and **123.6670, 34.6742, -108.4560** is the 20% darker color. If you saturate the color by 10%, you get **161.8630, 43.9445, -141.9539**, and if you desaturate by 10%, it is **178.8620, 35.5640, -113.8890**.

Distribution



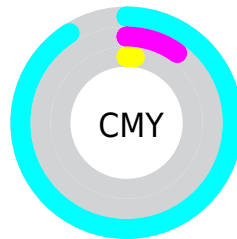
- Red (9%)
- Green (90%)
- Blue (98%)



- Red (9%)
- Yellow (52%)
- Blue (98%)



- Cyan (90%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (91%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.2130, 39.8280, -128.2288 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 170.2130, 39.8280, -128.2288 by changing the saturation by 10% instead.

170.2130, 39.8280,
-128.2288

170.2130, 39.8280,
-128.2288

255.0000, 0.0000,
0.0000

143.2950, 38.8016,
-125.6697

214.9340, 19.7525,
-82.3801

123.6670, 34.6742,
-108.4560

225.1000, 14.7407,
-61.4777

104.7400, 30.6942,
-91.8570

234.9670, 9.8763,
-41.1901

86.5140, 26.8616,
-75.8728

244.8340, 5.0118,
-20.9024

68.2880, 23.0290,
-59.8886

254.4020, 0.2948,
-1.2296

51.4640, 19.4912,
-45.1339

35.2270, 15.6641,

-30.8941

■ 18.6310, 12.9999,
-16.3394

■ 3.3230, 10.1938,
-2.9143

■ 170.2130, 39.8280,
-128.2288

■ 170.2130, 39.8280,
-128.2288

■ 161.8630, 43.9445,
-141.9539

■ 178.8620, 35.5640,
-113.8890

■ 188.0980, 31.0107,
-100.0639

■ 196.7470, 26.7467,
-85.7241

■ 205.9830, 22.1934,
-71.8991

■ 214.9310, 17.7820,
-56.9445

■ 224.1670, 13.2287,
-43.1195

■ 232.8160, 8.9647,
-28.7796

■ 241.4650, 4.7008,
-14.4398

■ 250.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



183.4680, 13.0803, -88.9874



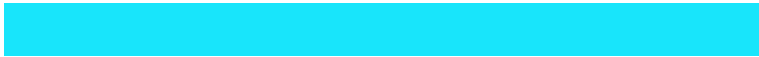
170.2130, 39.8280, -128.2288



183.5920, 35.2041, -91.7272

Triad

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



170.2130, 39.8280, -128.2288



211.8240, 17.3418, 37.8654



205.1270, -39.5026, 23.5676

Complementary

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



170.2130, 39.8280, -128.2288



104.7870, -39.8280, 128.2288

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.



204.4530, -33.7473, 44.3297



170.2130, 39.8280, -128.2288



203.1550, 1.8956, 45.4681

Square

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



170.2130, 39.8280, -128.2288



209.0050, 22.6755, 7.0116



200.8290, -17.1707, 47.5080



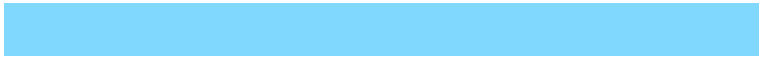
200.6820, -31.3952, -10.2451

Rectangle

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



170.2130, 39.8280, -128.2288



194.4330, 29.8595, -57.3847



200.8290, -17.1707, 47.5080



206.1930, -39.5351, 34.0337

Sweetspot

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



170.2130, 39.8280, -128.2288



230.2600, 12.1968, -38.8160



159.4150, -57.3926, -118.7590



113.3930, 7.2013, -23.1467



0.0000, 0.0000, 0.0000



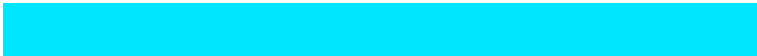
128.0000, 0.0000, 0.0000

Same Dimension

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



170.2130, 39.8280, -128.2288



164.0800, 44.8236, -143.8982



105.6430, 71.6610, -71.6009



120.5260, 2.2057, -7.4773



121.3360, 33.3584, -106.4117



39.2390, 10.7282, -34.4126

Inverse Universe

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



115.2430, 56.0822, 119.0589



102.4650, 62.8748, 133.7732



169.3570, -71.6610, 71.6009



117.2550, 3.3253, 6.7924



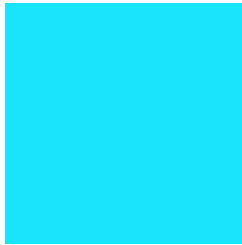
75.8910, 46.3957, 99.1966



24.5090, 15.0321, 32.0026

Previews

White Background



This preview shows how the YUV color 170.2130, 39.8280, -128.2288 looks on a white background.

Color Contrast Check

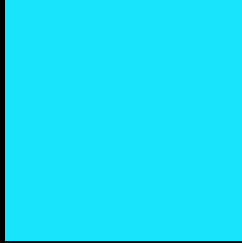
Large Text (above 18pt) WCAG AA × Fail

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 170.2130, 39.8280, -128.2288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

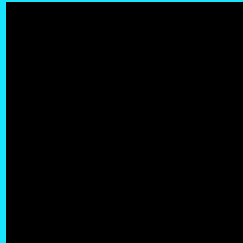
Any Text WCAG AA ✓ Pass

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 170.2130, 39.8280, -128.2288 Background



This preview shows how black text looks on a background with the YUV color 170.2130, 39.8280, -128.2288.



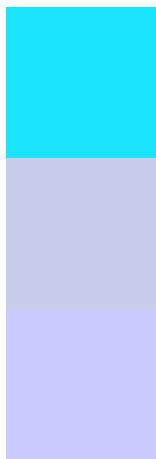
This preview shows how white text looks on a background with the YUV color 170.2130, 39.8280, -128.2288.

-128.2288.

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

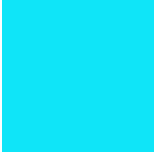
170.2130, 39.8280, -128.2288

Protanopia

207.2240, 13.6936, -5.4584

Deuteranopia

207.7430, 23.2977, -5.9136



Tritanopia

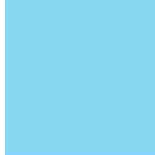
167.1800, 39.8443, -133.4619

Trichromacy



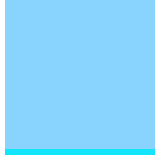
Original Color

170.2130, 39.8280, -128.2288



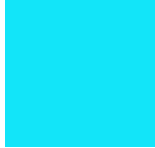
Protanomaly

194.0550, 23.1439, -50.0372



Deuteranomaly

194.3630, 29.4010, -50.3074



Tritanomaly

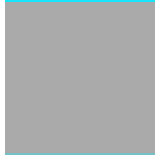
168.1910, 39.8388, -131.7175

Monochromacy



Original Color

170.2130, 39.8280, -128.2288



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

169.7860, 14.4025, -46.2933

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.2130, 39.8280, -128.2288 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(24, 229, 251)` looks like.

```
.text, #text, p{  
    color:rgb(24, 229, 251)  
}
```

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(24, 229, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 229, 251) }
```

Border

The CSS property to change the border of an element to YUV 170.2130, 39.8280, -128.2288 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(24, 229, 251) }
```


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

```
.border{ border-color:rgb(24, 229, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 229, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 229, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 229, 251);  
box-shadow:4px 4px 4px 4px rgb(24, 229,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 170.2130, 39.8280, -128.2288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 229, 251) }
```

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

```
.background{ background-color: rgb(24, 229,  
251) }
```

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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