

Converting Colors

YUV(148.9490, 50.3111,
-130.6283)

Have a look what the booklet for
YUV(148.9490, 50.3111, -130.6283)
contains.

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Color

**YUV(148.9490, 50.3111,
-130.6283)**

Conversions

Conversions Part 1

Format	Color
Hex	00CDFB
RGB	0, 205, 251
RGB Percent	0%, 80%, 98%
CMY	1.0000, 0.1961, 0.0157
CMYK	1.00, 0.18, 0.00, 0.02
HSL	191°, 100%, 49%
HSV	191°, 100%, 98%
XYZ	39.2439, 50.6277, 98.9705
YIQ	148.9490, -136.9460, -29.1540

Conversions

Conversions Part 2

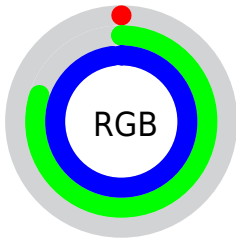
Format	Color
RYB	0, 113, 251
Decimal	52731
CIELab	76.45, -26.19, -34.34
CIELCh	76, 43.181, 232.669
Yxy	50.6277, 0.2078, 0.2681
Android (android.graphics.Color)	4278242811 (0xFF00CDFB)
YUV	148.9490, 50.3111, -130.6283
Hunter-Lab	71.1531, -26.0678, -32.6623

Details

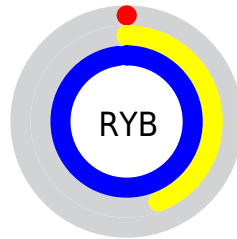
The YUV color **148.9490, 50.3111, -130.6283** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **102.0510, -50.3111, 130.6283**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8410, 20.7844, -86.6836**, and **110.7530, 41.0408, -97.1304** is the 20% darker color. If you saturate the color by 10%, you get **148.9490, 50.3111, -130.6283**, and if you desaturate by 10%, it is **159.3590, 45.1790, -117.8328**.

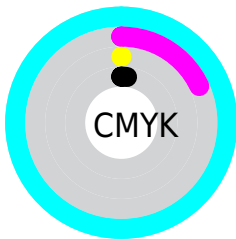
Distribution



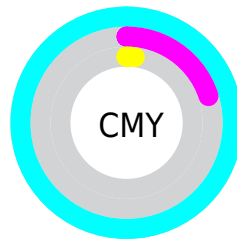
- Red (0%)
- Green (80%)
- Blue (98%)



- Red (0%)
- Yellow (44%)
- Blue (98%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.9490, 50.3111, -130.6283 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 148.9490, 50.3111, -130.6283 by changing the saturation by 10% instead.

■ 148.9490, 50.3111,
-130.6283

■ 148.9490, 50.3111,
-130.6283

■ 255.0000, 0.0000,
0.0000

■ 129.2070, 45.7469,
-113.3145

■ 212.8410, 20.7844,
-86.6836

■ 110.7530, 41.0408,
-97.1304

■ 223.3060, 15.6251,
-65.1664

■ 91.8260, 37.0608,
-80.5314

■ 232.8740, 10.9081,
-45.4935

■ 74.0730, 32.5020,
-64.9620

■ 242.7410, 6.0437,
-25.2059

■ 57.1350, 28.5274,
-50.1074

■ 252.3090, 1.3267,
-5.5330

■ 40.7840, 24.2635,
-35.7676

■ 26.8950, 19.2788,

-23.5869

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 148.9490, 50.3111,
-130.6283

■ 159.3590, 45.1790,
-117.8328

■ 169.1820, 40.3363,
-104.5226

■ 179.5920, 35.2041,
-91.7272

■ 189.4150, 30.3614,
-78.4170

■ 200.1240, 25.0819,
-65.0067

■ 210.5340, 19.9497,
-52.2113

■ 220.3570, 15.1070,
-38.9011

■ 230.7670, 9.9749,
-26.1057

■ 240.5900, 5.1321,
-12.7954

Harmonies

Analogous

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



147.5350, 34.7392, -129.3882



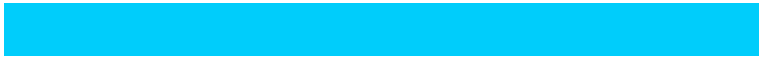
148.9490, 50.3111, -130.6283



177.0120, 38.4481, -58.7695

Triad

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



148.9490, 50.3111, -130.6283



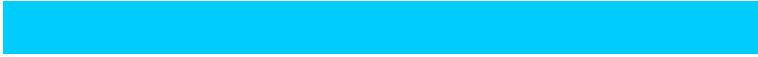
191.7910, 4.0470, 55.4343



182.9500, -34.4853, 0.9209

Complementary

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



148.9490, 50.3111, -130.6283



102.0510, -50.3111, 130.6283

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.



186.5240, -38.2193, 31.9895



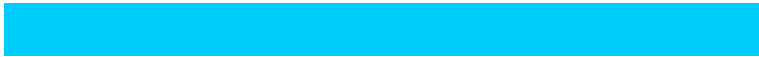
148.9490, 50.3111, -130.6283



187.8180, -13.7143, 58.9186

Square

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



148.9490, 50.3111, -130.6283



193.5180, 21.4366, 31.1177



189.0290, -30.5803, 55.2256



177.1440, -18.8050, -35.2063

Rectangle

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



148.9490, 50.3111, -130.6283



185.7820, 34.1245, -25.2418



189.0290, -30.5803, 55.2256



184.3320, -37.1387, 11.9868

Sweetspot

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



148.9490, 50.3111, -130.6283



224.0580, 15.2544, -39.5159



152.1250, -54.2916, -133.4136



108.9630, 9.3852, -23.6466



0.0000, 0.0000, 0.0000



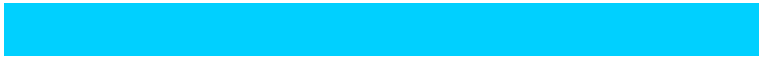
128.0000, 0.0000, 0.0000

Same Dimension

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



148.9490, 50.3111, -130.6283



151.1660, 51.1902, -132.5726



77.9220, 85.3275, -68.3376



119.9390, 2.4951, -6.9625



111.9440, 37.9886, -98.1749



36.3040, 12.1751, -31.8386

Inverse Universe

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



98.4190, 52.5444, 133.8135



99.9570, 53.2652, 135.9727



173.0780, -85.3275, 68.3376



117.1410, 2.8885, 6.8923



74.0670, 39.4070, 100.7962



23.9390, 12.8481, 32.5025

Previews

White Background



This preview shows how the YUV color 148.9490, 50.3111, -130.6283 looks on a white background.

Color Contrast Check

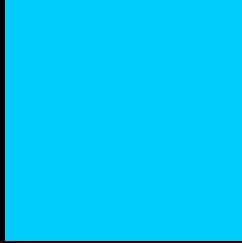
Large Text (above 18pt) WCAG AA × Fail

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 148.9490, 50.3111, -130.6283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

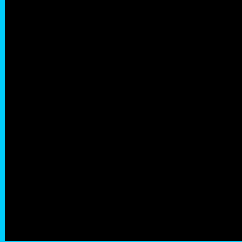
Any Text WCAG AA ✓ Pass

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 148.9490, 50.3111, -130.6283 Background



This preview shows how black text looks on a background with the YUV color 148.9490, 50.3111, -130.6283.



This preview shows how white text looks on a background with the YUV color 148.9490, 50.3111, -130.6283.

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



Protanopia

187.5250, 23.8982, -11.8614

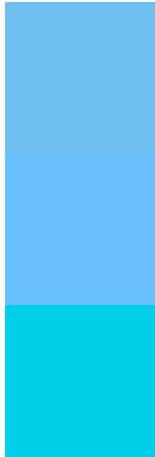
Deuteranopia

187.5980, 33.2292, -18.0644

Tritanopia

147.6320, 37.6494, -129.4733

Trichromacy



Protanomaly

173.3670, 33.3431, -54.6959

Deuteranomaly

173.3540, 39.7585, -59.0695

Tritanomaly

148.1850, 42.3068, -129.9582

Monochromacy



Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.8120, 18.3337, -47.1931

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.9490, 50.3111, -130.6283 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(0, 205, 251)` looks like.

```
.text, #text, p{  
    color:rgb(0, 205, 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(0, 205, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 205, 251) }
```

Border

The CSS property to change the border of an element to YUV 148.9490, 50.3111, -130.6283 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(0, 205, 251) }
```

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

```
.border{ border-color:rgb(0, 205, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 205, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 205, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 205, 251);  
box-shadow:4px 4px 4px 4px rgb(0, 205,  
251) }
```


Background

The CSS property to change the background color of an element to YUV 148.9490, 50.3111, -130.6283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 205, 251) }
```

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

```
.background{ background-color: rgb(0, 205,  
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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