

Converting Colors

YUV(148.3790, 48.1272,
-130.1284)

Have a look what the booklet for
YUV(148.3790, 48.1272, -130.1284)
contains.

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Color

**YUV(148.3790, 48.1272,
-130.1284)**

Conversions

Conversions Part 1

Format	Color
Hex	00CDF6
RGB	0, 205, 246
RGB Percent	0%, 80%, 96%
CMY	1.0000, 0.1961, 0.0353
CMYK	1.00, 0.17, 0.00, 0.04
HSL	190°, 100%, 48%
HSV	190°, 100%, 96%
XYZ	38.4659, 50.3165, 94.8735
YIQ	148.3790, -135.3410, -30.7090

Conversions

Conversions Part 2

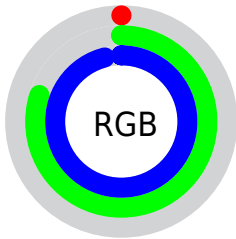
Format	Color
RYB	0, 112, 246
Decimal	52726
CIELab	76.26, -27.84, -31.95
CIELCh	76, 42.381, 228.929
Yxy	50.3165, 0.2094, 0.2740
Android (android.graphics.Color)	4278242806 (0xFF00CDF6)
YUV	148.3790, 48.1272, -130.1284
Hunter-Lab	70.9341, -27.3384, -29.6458

Details

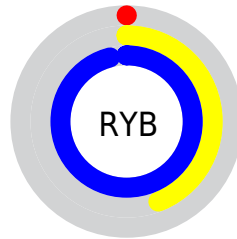
The YUV color **148.3790, 48.1272, -130.1284** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **97.6210, -48.1272, 130.1284**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.5420, 20.9318, -87.2983**, and **109.7100, 39.5830, -96.2157** is the 20% darker color. If you saturate the color by 10%, you get **148.3790, 48.1272, -130.1284**, and if you desaturate by 10%, it is **158.2020, 43.2844, -116.8182**.

Distribution



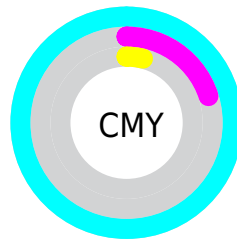
- Red (0%)
- Green (80%)
- Blue (96%)



- Red (0%)
- Yellow (44%)
- Blue (96%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.3790, 48.1272, -130.1284 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 148.3790, 48.1272, -130.1284 by changing the saturation by 10% instead.

148.3790, 48.1272,
-130.1284

148.3790, 48.1272,
-130.1284

255.0000, 0.0000,
0.0000

128.6370, 43.5630,
-112.8146

212.5420, 20.9318,
-87.2983

109.7100, 39.5830,
-96.2157

222.7080, 15.9200,
-66.3959

91.2560, 34.8768,
-80.0315

232.5750, 11.0555,
-46.1083

73.6170, 30.7548,
-64.5621

242.1430, 6.3385,
-26.4354

56.5650, 26.3435,
-49.6075

251.7110, 1.6215,
-6.7625

40.3280, 22.5163,
-35.3677

26.4390, 17.5316,

-23.1870

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 148.3790, 48.1272,
-130.1284

■ 158.2020, 43.2844,
-116.8182

■ 167.7260, 38.5891,
-104.1227

■ 177.5490, 33.7463,
-90.8125

■ 187.0730, 29.0510,
-78.1170

■ 196.8960, 24.2083,
-64.8068

■ 207.3060, 19.0761,
-52.0114

■ 216.8300, 14.3808,
-39.3159

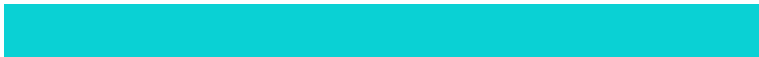
■ 226.6530, 9.5381,
-26.0057

■ 236.1770, 4.8427,
-13.3102

Harmonies

Analogous

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



149.8410, 30.6444, -122.6406



148.3790, 48.1272, -130.1284



174.9190, 39.4799, -63.0730

Triad

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



148.3790, 48.1272, -130.1284



192.8340, 5.5048, 54.5196



183.2710, -34.6436, 5.0243

Complementary

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



148.3790, 48.1272, -130.1284



97.6210, -48.1272, 130.1284

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.



186.4750, -37.2092, 34.6634



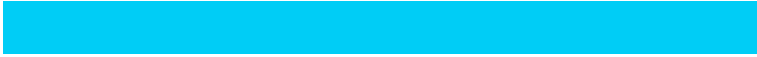
148.3790, 48.1272, -130.1284



187.8010, -11.2409, 58.9335

Square

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



148.3790, 48.1272, -130.1284



193.2400, 23.0527, 26.0995



188.6100, -28.4017, 56.4700



177.6070, -21.0053, -29.4733

Rectangle

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



148.3790, 48.1272, -130.1284



184.2760, 34.8669, -30.0601



188.6100, -28.4017, 56.4700



184.3540, -37.1495, 15.4755

Sweetspot

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



148.3790, 48.1272, -130.1284



224.6450, 14.9650, -40.0307



149.0760, -53.2815, -130.7397



109.5500, 9.0959, -24.1613



0.0000, 0.0000, 0.0000



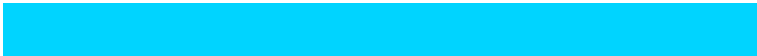
128.0000, 0.0000, 0.0000

Same Dimension

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



148.3790, 48.1272, -130.1284



153.5140, 50.0326, -134.6318



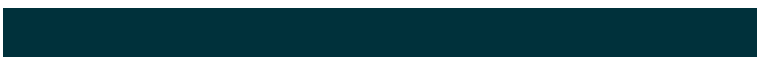
76.1780, 83.7222, -66.8081



117.2380, 2.3477, -6.3477



112.1890, 36.3888, -98.3898



35.4890, 11.5909, -31.1239

Inverse Universe

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



96.9240, 53.2815, 130.7397



100.5270, 55.4492, 135.4728



169.8220, -83.7222, 66.8081



114.7280, 2.5991, 6.3775



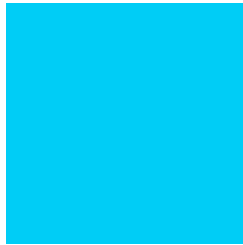
73.2840, 40.2860, 98.8519



23.2270, 12.7061, 31.3729

Previews

White Background



This preview shows how the YUV color 148.3790, 48.1272, -130.1284 looks on a white background.

Color Contrast Check

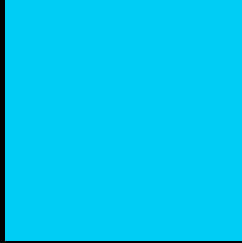
Large Text (above 18pt) WCAG AA × Fail

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 148.3790, 48.1272, -130.1284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

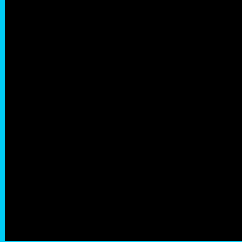
Any Text WCAG AA ✓ Pass

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 148.3790, 48.1272, -130.1284 Background



This preview shows how black text looks on a background with the YUV color 148.3790, 48.1272, -130.1284.



This preview shows how white text looks on a background with the YUV color 148.3790, 48.1272, -130.1284.

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

187.5530, 21.4194, -10.1320

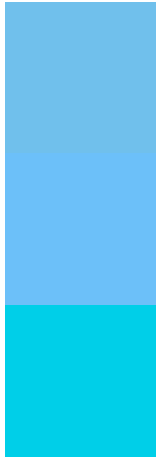
Deuteranopia

187.1530, 31.4766, -15.9202

Tritanopia

147.6320, 37.6494, -129.4733

Trichromacy



Protanomaly

173.0960, 31.0117, -53.5812

Deuteranomaly

173.3820, 37.2797, -57.3400

Tritanomaly

147.9570, 41.4332, -129.7583

Monochromacy



Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.2850, 17.6075, -47.6079

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.3790, 48.1272, -130.1284 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(0, 205, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 205, 246) }
```

Border

The CSS property to change the border of an element to YUV 148.3790, 48.1272, -130.1284 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, 246) }
```

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

```
.border{ border-color:rgb(0, 205, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 205, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 205, 246);  
box-shadow:4px 4px 4px 4px rgb(0, 205,  
246) }
```


Background

The CSS property to change the background color of an element to YUV 148.3790, 48.1272, -130.1284 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, 246) }
```

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

```
.background{ background-color: rgb(0, 205,  
246) }
```

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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