

Converting Colors

YUV(148.7090, 34.1605,
-130.4178)

Have a look what the booklet for
YUV(148.7090, 34.1605, -130.4178)
contains.

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Color

**YUV(148.7090, 34.1605,
-130.4178)**

Conversions

Conversions Part 1

Format	Color
Hex	00D3DA
RGB	0, 211, 218
RGB Percent	0%, 83%, 85%
CMY	1.0000, 0.1725, 0.1451
CMYK	1.00, 0.03, 0.00, 0.15
HSL	182°, 100%, 43%
HSV	182°, 100%, 85%
XYZ	35.9492, 51.6505, 74.4045
YIQ	148.7090, -128.0030, -42.5550

Conversions

Conversions Part 2

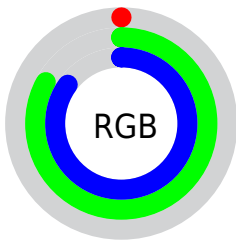
Format	Color
RYB	0, 107, 218
Decimal	54234
CIELab	77.07, -39.58, -15.69
CIELCh	77, 42.574, 201.629
Yxy	51.6505, 0.2219, 0.3188
Android (android.graphics.Color)	4278244314 (0xFF00D3DA)
YUV	148.7090, 34.1605, -130.4178
Hunter-Lab	71.8683, -36.4822, -11.0745

Details

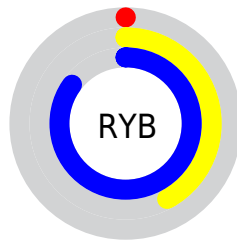
The YUV color **148.7090, 34.1605, -130.4178** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **69.2910, -34.1605, 130.4178**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.6450, 21.3740, -89.1427**, and **110.1540, 26.0531, -96.6051** is the 20% darker color. If you saturate the color by 10%, you get **148.7090, 34.1605, -130.4178**, and if you desaturate by 10%, it is **155.8740, 30.6281, -117.4075**.

Distribution



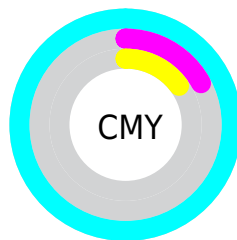
- Red (0%)
- Green (83%)
- Blue (85%)



- Red (0%)
- Yellow (42%)
- Blue (85%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.7090, 34.1605, -130.4178 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 148.7090, 34.1605, -130.4178 by changing the saturation by 10% instead.

■ 148.7090, 34.1605,
-130.4178

■ 148.7090, 34.1605,
-130.4178

■ 255.0000, 0.0000,
0.0000

■ 129.0810, 30.0331,
-113.2040

■ 211.6450, 21.3740,
-89.1427

■ 110.1540, 26.0531,
-96.6051

■ 221.5120, 16.5096,
-68.8550

■ 91.3410, 22.5099,
-80.1061

■ 231.3790, 11.6452,
-48.5674

■ 73.2290, 19.1141,
-64.2218

■ 240.6480, 7.0755,
-29.5093

■ 55.7040, 15.4289,
-48.8524

■ 250.2160, 2.3585,
-9.8364

■ 39.5810, 12.0386,
-34.7125

■ 24.7460, 8.5062,

-21.7022

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 148.7090, 34.1605,
-130.4178

■ 155.8740, 30.6281,
-117.4075

■ 162.4520, 27.3852,
-103.8824

■ 169.3180, 24.0002,
-91.4869

■ 176.4830, 20.4679,
-78.4766

■ 183.6480, 16.9355,
-65.4663

■ 190.2260, 13.6926,
-51.9412

■ 197.3910, 10.1602,
-38.9309

■ 204.2570, 6.7753,
-26.5354

■ 210.8350, 3.5323,
-13.0103

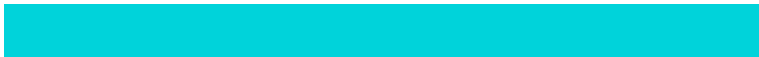
Harmonies

Analogous

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



170.4610, 3.7167, -72.3183



148.7090, 34.1605, -130.4178



157.0000, 46.3420, -117.5180

Triad

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



148.7090, 34.1605, -130.4178



195.6210, 21.8788, 29.2734



188.3500, -37.6405, 33.0191

Complementary

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



148.7090, 34.1605, -130.4178



69.2910, -34.1605, 130.4178

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.



190.5560, -29.8541, 55.6404



148.7090, 34.1605, -130.4178



193.3070, 4.7786, 54.1048

Square

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



148.7090, 34.1605, -130.4178



190.3000, 31.8971, -10.7871



189.3340, -12.9827, 57.5891



184.7760, -33.9066, 1.9504

Rectangle

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



148.7090, 34.1605, -130.4178



172.7710, 40.5389, -76.0982



189.3340, -12.9827, 57.5891



189.7470, -36.3573, 41.4409

Sweetspot

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



148.7090, 34.1605, -130.4178



231.1020, 11.7817, -45.6935



128.4220, -61.3400, -112.6261



113.0720, 7.3595, -27.2501



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.



148.7090, 34.1605, -130.4178



174.0590, 39.9039, -152.6497



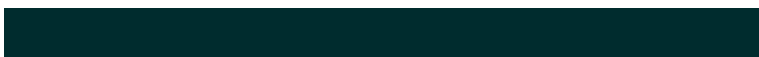
86.4870, 64.8359, -75.8491



106.1240, 1.9109, -6.2477



118.3380, 26.9484, -103.7824



31.0720, 7.3595, -27.2501

Inverse Universe

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



89.2360, 60.0297, 112.9260



104.4030, 70.3003, 132.0736



131.5130, -64.8359, 75.8491



103.4290, 2.7465, 5.7628



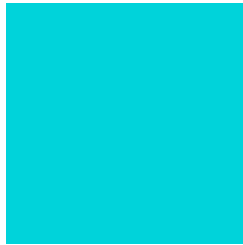
70.8790, 47.8807, 89.5601



18.7700, 12.4384, 23.8807

Previews

White Background



This preview shows how the YUV color 148.7090, 34.1605, -130.4178 looks on a white background.

Color Contrast Check

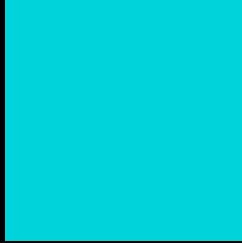
Large Text (above 18pt) WCAG AA × Fail

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 148.7090, 34.1605, -130.4178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

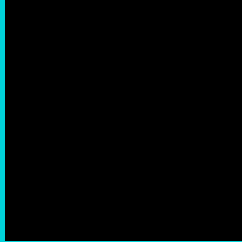
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

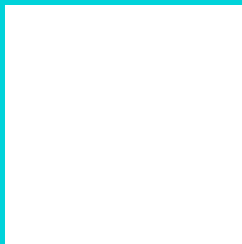
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 148.7090, 34.1605, -130.4178 Background



This preview shows how black text looks on a background with the YUV color 148.7090, 34.1605, -130.4178.



This preview shows how white text looks on a background with the YUV color 148.7090, 34.1605, -130.4178.

-130.4178.

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

189.7100, 6.5520, -1.4997

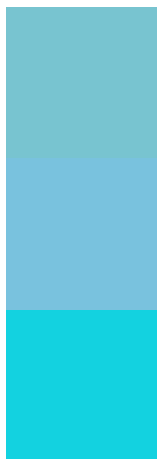
Deuteranopia

190.3540, 16.5875, -0.3105

Tritanopia

158.1180, 33.9588, -112.3595

Trichromacy



Protanomaly

174.6440, 16.4445, -47.9228

Deuteranomaly

175.3650, 22.9911, -47.6781

Tritanomaly

154.4870, 34.2699, -118.8221

Monochromacy



Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.2050, 12.2239, -47.5378

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.7090, 34.1605, -130.4178 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, 211, 218)` looks like.

```
.text, #text, p{  
    color:rgb(0, 211, 218)  
}
```

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, 211, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 211, 218) }
```

Border

The CSS property to change the border of an element to YUV 148.7090, 34.1605, -130.4178 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, 211, 218) }
```

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

```
.border{ border-color:rgb(0, 211, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 211, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 211, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 211, 218);  
box-shadow:4px 4px 4px 4px rgb(0, 211,  
218) }
```


Background

The CSS property to change the background color of an element to YUV 148.7090, 34.1605, -130.4178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 211, 218) }
```

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

```
.background{ background-color: rgb(0, 211,  
218) }
```

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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