

Converting Colors

YUV(149.1190, 25.5773,
-130.7774)

Have a look what the booklet for
YUV(149.1190, 25.5773, -130.7774)
contains.

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Color

**YUV(149.1190, 25.5773,
-130.7774)**

Conversions

Conversions Part 1

Format	Color
Hex	00D7C9
RGB	0, 215, 201
RGB Percent	0%, 84%, 79%
CMY	1.0000, 0.1569, 0.2118
CMYK	1.00, 0.00, 0.07, 0.16
HSL	176°, 100%, 42%
HSV	176°, 100%, 84%
XYZ	34.8431, 52.8179, 63.6168
YIQ	149.1190, -123.6460, -49.9340

Conversions

Conversions Part 2

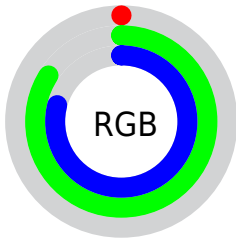
Format	Color
RYB	0, 111, 215
Decimal	55241
CIELab	77.77, -46.32, -5.53
CIELCh	78, 46.653, 186.809
Yxy	52.8179, 0.2303, 0.3491
Android (android.graphics.Color)	4278245321 (0xFF00D7C9)
YUV	149.1190, 25.5773, -130.7774
Hunter-Lab	72.6759, -41.6046, -1.0263

Details

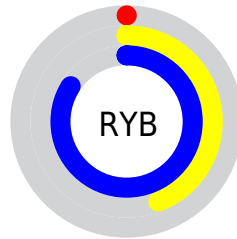
The YUV color **149.1190, 25.5773, -130.7774** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **65.8810, -25.5773, 130.7774**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.0470, 21.6688, -90.3722**, and **110.0910, 18.1961, -96.5498** is the 20% darker color. If you saturate the color by 10%, you get **149.1190, 25.5773, -130.7774**, and if you desaturate by 10%, it is **155.5120, 22.9186, -117.9670**.

Distribution



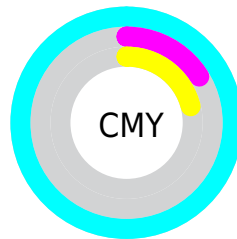
- Red (0%)
- Green (84%)
- Blue (79%)



- Red (0%)
- Yellow (44%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)





- Cyan (100%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.1190, 25.5773, -130.7774 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 149.1190, 25.5773, -130.7774 by changing the saturation by 10% instead.


 149.1190, 25.5773,
-130.7774


 149.1190, 25.5773,
-130.7774


255.0000, 0.0000,
0.0000


 129.6050, 21.8867,
-113.6636


 211.0470, 21.6688,
-90.3722

 110.0910, 18.1961,
-96.5498


 221.2130, 16.6570,
-69.4698


 91.2780, 14.6529,
-80.0508


 230.7810, 11.9400,
-49.7969

 73.2800, 11.6940,
-64.2666

 240.3490, 7.2229,
-30.1241

 55.8690, 8.4456,
-48.9971

 249.6180, 2.6533,
-11.0660

 39.2730, 5.7814,
-34.4424

 23.9650, 2.9753,

-21.0173

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 149.1190, 25.5773,
-130.7774

■ 155.5120, 22.9186,
-117.9670

■ 162.3180, 20.5492,
-104.6419

■ 169.0100, 17.7431,
-91.2168

■ 175.5170, 15.5211,
-78.5064

■ 182.2090, 12.7150,
-65.0813

■ 188.6020, 10.0562,
-52.2710

■ 195.4080, 7.6869,
-38.9458

■ 201.8010, 5.0281,
-26.1355

■ 208.6070, 2.6587,
-12.8103

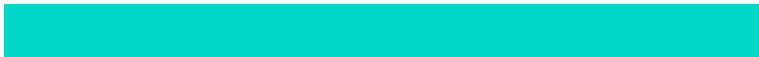
Harmonies

Analogous

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



174.6340, -8.6936, -58.4380



149.1190, 25.5773, -130.7774



152.7330, 44.5016, -133.9468

Triad

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



149.1190, 25.5773, -130.7774



195.7590, 29.2058, 12.4894



191.2210, -38.5630, 48.9182

Complementary

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



149.1190, 25.5773, -130.7774



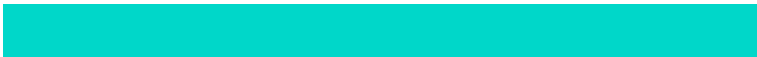
65.8810, -25.5773, 130.7774

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.



188.8150, -22.5868, 58.0442



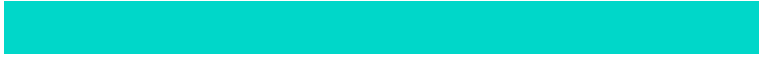
149.1190, 25.5773, -130.7774



197.5050, 14.5410, 49.5461

Square

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



149.1190, 25.5773, -130.7774



184.8190, 34.5992, -37.5523



189.3800, -2.6523, 57.5487



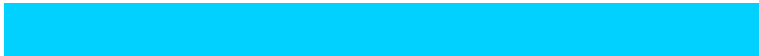
188.0510, -40.9441, 19.2493

Rectangle

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



149.1190, 25.5773, -130.7774



151.7530, 50.9008, -133.0874



189.3800, -2.6523, 57.5487



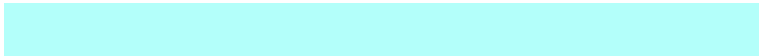
191.5900, -34.8009, 55.6106

Sweetspot

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



149.1190, 25.5773, -130.7774



231.7060, 9.0189, -46.2232



130.3910, -64.2828, -102.0749



113.9040, 5.4703, -27.9798



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.



149.1190, 25.5773, -130.7774



176.8170, 30.1632, -155.0685



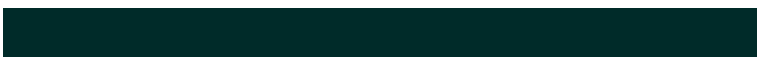
96.1240, 58.6059, -84.3007



103.5970, 1.1847, -6.6626



118.6170, 20.4018, -104.0271



29.9150, 5.4649, -26.2355

Inverse Universe

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



65.8810, -25.5773, 130.7774



78.1830, -30.1632, 155.0685



118.8760, -58.6059, 84.3007



99.4030, -1.1847, 6.6626



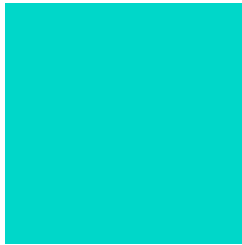
52.3830, -20.4018, 104.0271



13.1990, -5.0281, 26.1355

Previews

White Background



This preview shows how the YUV color 149.1190, 25.5773, -130.7774 looks on a white background.

Color Contrast Check

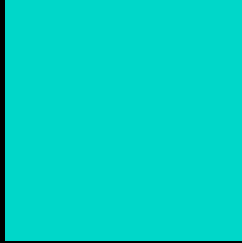
Large Text (above 18pt) WCAG AA × Fail

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 149.1190, 25.5773, -130.7774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

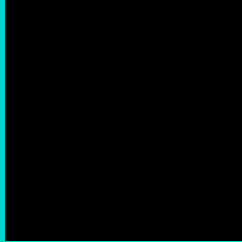
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

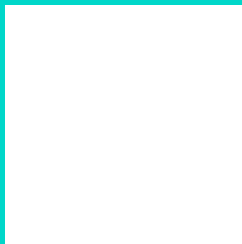
Any Text WCAG AAA ✓ Pass

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

YUV 149.1190, 25.5773, -130.7774 Background



This preview shows how black text looks on a background with the YUV color 149.1190, 25.5773, -130.7774.



This preview shows how white text looks on a background with the YUV color 149.1190, 25.5773, -130.7774.

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

191.0390, -2.4842, 3.4738

Deuteranopia

192.4060, 7.6878, 7.5369

Tritanopia

164.7990, 31.1581, -100.6787

Trichromacy



Protanomaly

175.6630, 7.5611, -45.3085

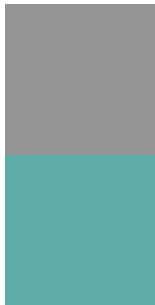
Deuteranomaly

176.6940, 13.9549, -42.7046

Tritanomaly

158.8640, 29.1540, -111.2597

Monochromacy



Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.1080, 9.3138, -47.4527

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.1190, 25.5773, -130.7774 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, 215, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 215, 201)  
}
```

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, 215, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 215, 201) }
```

Border

The CSS property to change the border of an element to YUV 149.1190, 25.5773, -130.7774 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, 215, 201) }
```

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

```
.border{ border-color:rgb(0, 215, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 215, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 215, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 215, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 215,  
201) }
```


Background

The CSS property to change the background color of an element to YUV 149.1190, 25.5773, -130.7774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 215, 201) }
```

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

```
.background{ background-color: rgb(0, 215,  
201) }
```

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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