

# Converting Colors

YUV(149.5750, 27.3245,  
-131.1773)

Have a look what the booklet for  
YUV(149.5750, 27.3245, -131.1773)  
contains.

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# Color

**YUV(149.5750, 27.3245,  
-131.1773)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D7CD
RGB	0, 215, 205
RGB Percent	0%, 84%, 80%
CMY	1.0000, 0.1569, 0.1961
CMYK	1.00, 0.00, 0.05, 0.16
HSL	177°, 100%, 42%
HSV	177°, 100%, 84%
XYZ	35.3199, 53.0087, 66.1278
YIQ	149.5750, -124.9300, -48.6900

# Conversions

## Conversions Part 2

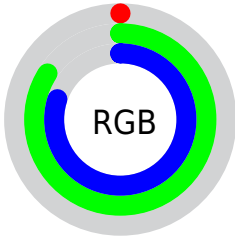
Format	Color
<b>RYB</b>	0, 110, 215
Decimal	55245
CIELab	77.88, -45.18, -7.51
CIELCh	78, 45.804, 189.435
Yxy	53.0087, 0.2287, 0.3432
Android (android.graphics.Color)	4278245325 (0xFF00D7CD)
YUV	149.5750, 27.3245, -131.1773
Hunter-Lab	72.8070, -40.8191, -2.8858

# Details

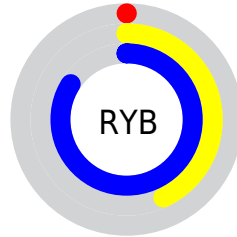
The YUV color **149.5750, 27.3245, -131.1773** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **65.4250, -27.3245, 131.1773**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.3460, 21.5214, -89.7574**, and **110.5470, 19.9433, -96.9497** is the 20% darker color. If you saturate the color by 10%, you get **149.5750, 27.3245, -131.1773**, and if you desaturate by 10%, it is **155.9680, 24.6658, -118.3669**.

# Distribution



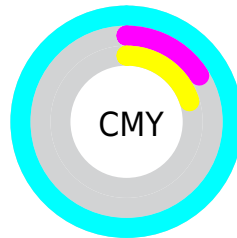
- Red (0%)
- Green (84%)
- Blue (80%)



- Red (0%)
- Yellow (43%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 149.5750, 27.3245, -131.1773 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 149.5750, 27.3245, -131.1773 by changing the saturation by 10% instead.



■ 149.5750, 27.3245,  
-131.1773

■ 149.5750, 27.3245,  
-131.1773

■ 255.0000, 0.0000,  
0.0000

■ 130.0610, 23.6339,  
-114.0635

■ 211.3460, 21.5214,  
-89.7574

■ 110.5470, 19.9433,  
-96.9497

■ 221.2130, 16.6570,  
-69.4698

■ 91.7340, 16.4001,  
-80.4507

■ 230.7810, 11.9400,  
-49.7969

■ 73.6220, 13.0044,  
-64.5665

■ 240.3490, 7.2229,  
-30.1241

■ 56.2110, 9.7560,  
-49.2970

■ 249.9170, 2.5059,  
-10.4512

■ 39.6150, 7.0918,  
-34.7424

■ 24.1930, 3.8489,

-21.2173

■ 1.0260, 3.9312,  
-0.8998

■ 0.0000, 0.0000,  
0.0000

■ 149.5750, 27.3245,  
-131.1773

■ 155.9680, 24.6658,  
-118.3669

■ 162.6600, 21.8596,  
-104.9418

■ 169.3520, 19.0535,  
-91.5167

■ 175.7450, 16.3947,  
-78.7064

■ 182.4370, 13.5886,  
-65.2812

■ 188.8300, 10.9298,  
-52.4709

■ 195.5220, 8.1237,  
-39.0458

■ 201.9150, 5.4649,  
-26.2355

■ 208.6070, 2.6587,  
-12.8103

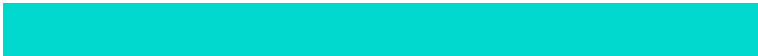
# Harmonies

## Analogous

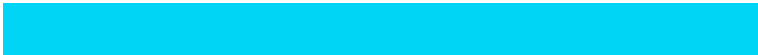
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



174.7800, -6.7935, -61.1971



149.5750, 27.3245, -131.1773



152.9610, 45.3752, -134.1468

# Triad

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



149.5750, 27.3245, -131.1773



196.3680, 28.9056, 15.4633



191.4980, -38.6995, 46.0443

# Complementary

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



149.5750, 27.3245, -131.1773



65.4250, -27.3245, 131.1773

# 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.



189.7610, -24.0392, 57.2146



149.5750, 27.3245, -131.1773



197.3480, 12.6464, 50.5608

# Square

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



149.5750, 27.3245, -131.1773



186.9230, 33.5620, -31.5045



190.2120, -4.5415, 56.8191



187.9690, -39.9177, 16.6902

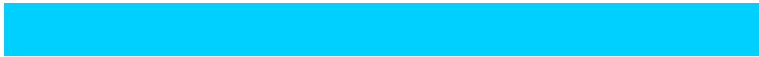


# Rectangle

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



149.5750, 27.3245, -131.1773



151.1660, 51.1902, -132.5726



190.2120, -4.5415, 56.8191



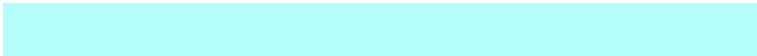
192.3510, -35.6690, 54.0662

# Sweetspot

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



149.5750, 27.3245, -131.1773



231.8200, 9.4557, -46.3231



129.4940, -63.8405, -103.9192



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.



149.5750, 27.3245, -131.1773



177.3870, 32.3472, -155.5684



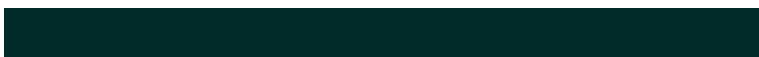
93.7760, 59.7634, -82.2416



103.7110, 1.6215, -6.7625



118.9590, 21.7122, -104.3270



29.9150, 5.4649, -26.2355



# Inverse Universe

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



65.4250, -27.3245, 131.1773



77.6130, -32.3472, 155.5684



121.2240, -59.7634, 82.2416



99.4030, -1.1847, 6.6626



52.0410, -21.7122, 104.3270

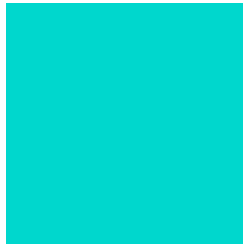


13.0850, -5.4649, 26.2355



# Previews

## White Background



This preview shows how the YUV color 149.5750, 27.3245, -131.1773 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

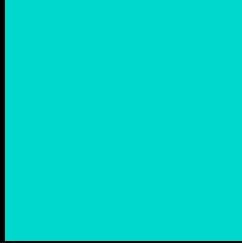
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 149.5750, 27.3245, -131.1773 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

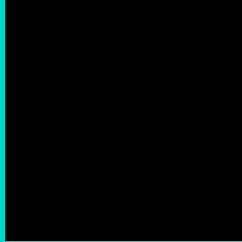
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

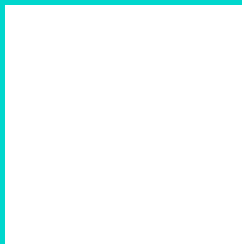
Any Text WCAG AAA ✓ Pass

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

# YUV 149.5750, 27.3245, -131.1773 Background



This preview shows how black text looks on a background with the YUV color 149.5750, 27.3245, -131.1773.



This preview shows how white text looks on a background with the YUV color 149.5750, 27.3245, -131.1773.



# 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

191.1960, -0.5896, 2.4591

### Deuteranopia

193.0360, 8.8563, 6.1074

### Tritanopia

164.0160, 32.0371, -102.6230

# Trichromacy



## Protanomaly

175.8200, 9.4557, -46.3231

## Deuteranomaly

177.4380, 15.5601, -44.2341

## Tritanomaly

158.4940, 30.3225, -112.6892

# Monochromacy



## Achromatopsia

150.0000, 0.0000, 0.0000

## Achromatomaly

149.9230, 9.8980, -48.1675

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 149.5750, 27.3245, -131.1773 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(0, 215, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 215, 205) }
```

## Border

The CSS property to change the border of an element to YUV 149.5750, 27.3245, -131.1773 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, 205) }
```

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

```
.border{ border-color:rgb(0, 215, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 215, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 215, 205);  
box-shadow:4px 4px 4px 4px rgb(0, 215,  
205) }
```



# Background

The CSS property to change the background color of an element to YUV 149.5750, 27.3245, -131.1773 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, 205) }
```

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

```
.background{ background-color: rgb(0, 215,  
205) }
```

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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