

# Converting Colors

YUV(175.4150, 16.5574,  
-131.0370)

Have a look what the booklet for  
YUV(175.4150, 16.5574, -131.0370)  
contains.

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# Color

**YUV(175.4150, 16.5574,  
-131.0370)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1AF5D1
RGB	26, 245, 209
RGB Percent	10%, 96%, 82%
CMY	0.8980, 0.0392, 0.1804
CMYK	0.89, 0.00, 0.15, 0.04
HSL	170°, 92%, 53%
HSV	170°, 89%, 96%
XYZ	44.5870, 70.1279, 71.5077
YIQ	175.4150, -118.9680, -57.6240

# Conversions

## Conversions Part 2

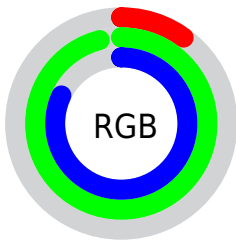
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">26, 145, 245</a>
Decimal	<a href="#">1766865</a>
CIELab	<a href="#">87.06, -55.72, 3.84</a>
CIELCh	<a href="#">87, 55.853, 176.053</a>
Yxy	<a href="#">70.1279, 0.2394, 0.3766</a>
Android (android.graphics.Color)	<a href="#">4279956945 (0xFF1AF5D1)</a>
YUV	<a href="#">175.4150, 16.5574, -131.0370</a>
Hunter-Lab	<a href="#">83.7424, -51.5103, 7.9919</a>

# Details

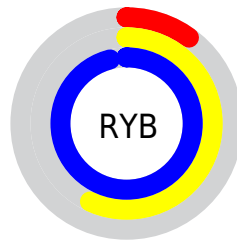
The YUV color **175.4150, 16.5574, -131.0370** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **95.5850, -16.5574, 131.0370**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6350, 19.8999, -82.9949**, and **128.0260, 13.2982, -112.2788** is the 20% darker color. If you saturate the color by 10%, you get **167.4840, 18.4954, -146.0065**, and if you desaturate by 10%, it is **183.0470, 14.7668, -116.6822**.

# Distribution



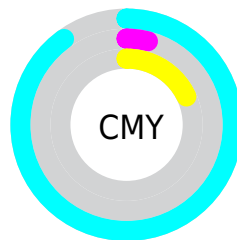
- Red (10%)
- Green (96%)
- Blue (82%)



- Red (10%)
- Yellow (57%)
- Blue (96%)



- Cyan (89%)
- Magenta (0%)
- Yellow (15%)
- Black (4%)



- Cyan (90%)
- Magenta (4%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 175.4150, 16.5574, -131.0370 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 175.4150, 16.5574, -131.0370 by changing the saturation by 10% instead.



175.4150, 16.5574,  
-131.0370

175.4150, 16.5574,  
-131.0370

255.0000, 0.0000,  
0.0000

147.4260, 16.5520,  
-129.2926

214.6350, 19.8999,  
-82.9949

128.0260, 13.2982,  
-112.2788

224.8010, 14.8881,  
-62.0925

108.6260, 10.0444,  
-95.2650

234.3690, 10.1711,  
-42.4196

89.9270, 6.9380,  
-78.8660

244.2360, 5.3067,  
-22.1320

71.3420, 4.2684,  
-62.5669

253.8040, 0.5896,  
-2.4591

54.0450, 1.4568,  
-47.3975

36.8620, -0.9180,

-32.3280

■ 20.9670, -3.4347,  
-18.3881

■ 0.0000, 0.0000,  
0.0000

■ 175.4150, 16.5574,  
-131.0370

■ 175.4150, 16.5574,  
-131.0370

■ 167.4840, 18.4954,  
-146.0065

■ 183.0470, 14.7668,  
-116.6822

■ 167.1850, 18.6428,  
-146.6212

■ 190.9780, 12.8288,  
-101.7127

■ 198.6100, 11.0383,  
-87.3580

■ 206.5410, 9.1003,  
-72.3885

■ 214.1730, 7.3097,  
-58.0337

■ 222.1040, 5.3717,  
-43.0642

■ 229.7360, 3.5812,  
-28.7095

■ 237.6670, 1.6432,  
-13.7400

■ 245.2990, -0.1474,  
0.6148

# Harmonies

## Analogous

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



200.6380, -21.5135, -53.1795



175.4150, 16.5574, -131.0370



172.8850, 40.4827, -151.6201

# Triad

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



175.4150, 16.5574, -131.0370



213.9670, 20.2293, -1.7251



205.0570, -36.5101, 43.8000

# Complementary

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



175.4150, 16.5574, -131.0370



95.5850, -16.5574, 131.0370

# 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.



200.5670, -13.0975, 47.7377



175.4150, 16.5574, -131.0370



215.0840, 19.6786, 35.0063

# Square

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



175.4150, 16.5574, -131.0370



195.2200, 29.4715, -72.9839



204.8480, 10.9209, 43.9833



213.8160, -51.1813, 36.1184



# Rectangle

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



175.4150, 16.5574, -131.0370



170.5370, 41.6403, -149.5609



204.8480, 10.9209, 43.9833



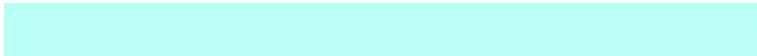
203.0170, -29.0954, 45.5891

# Sweetspot

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



175.4150, 16.5574, -131.0370



233.1150, 5.3663, -41.3199



165.3170, -68.6833, -90.6090



114.9430, 2.9861, -24.5060



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.



175.4150, 16.5574, -131.0370



173.9670, 19.2433, -152.5691



136.6680, 53.4077, -97.0558



118.1840, 0.8953, -7.1774



126.9660, 14.3138, -111.3492



40.2190, 4.3290, -35.2721



# Inverse Universe

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



95.5850, -16.5574, 131.0370



81.0330, -19.2433, 152.5691



134.3320, -53.4077, 97.0558



113.8160, -0.8953, 7.1774



59.1480, -13.8770, 111.2492

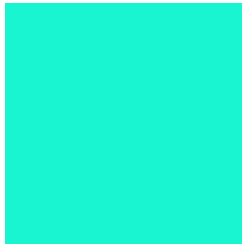


18.7810, -4.3290, 35.2721



# Previews

## White Background



This preview shows how the YUV color 175.4150, 16.5574, -131.0370 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

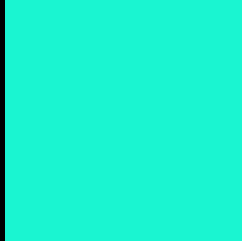
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 175.4150, 16.5574, -131.0370 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

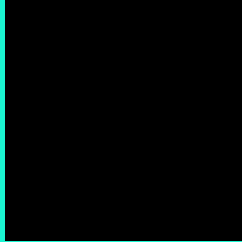
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

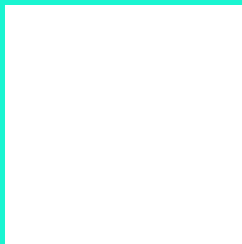
Any Text WCAG AAA ✓ Pass

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

# YUV 175.4150, 16.5574, -131.0370 Background



This preview shows how black text looks on a background with the YUV color 175.4150, 16.5574, -131.0370.



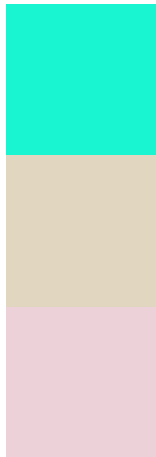
This preview shows how white text looks on a background with the YUV color 175.4150, 16.5574, -131.0370.

-131.0370.

# 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



### Original Color

175.4150, 16.5574, -131.0370

### Protanopia

215.4820, -11.0836, 8.3473

### Deuteranopia

217.9850, -0.4856, 15.7992



## Tritanopia

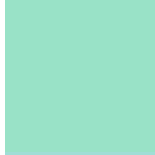
195.3980, 29.3838, -91.5570

# Trichromacy



## Original Color

175.4150, 16.5574, -131.0370



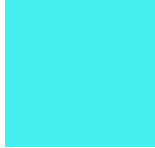
## Protanomaly

201.0950, -1.0328, -42.1793



## Deuteranomaly

202.5500, 5.6448, -37.3164



## Tritanomaly

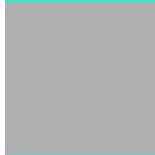
188.0450, 24.6278, -106.1565

# Monochromacy



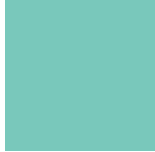
## Original Color

175.4150, 16.5574, -131.0370



## Achromatopsia

175.0000, 0.0000, 0.0000



## Achromatomaly

174.8970, 5.9668, -47.2677

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 175.4150, 16.5574, -131.0370 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(26, 245, 209)` looks like.

```
.text, #text, p{  
    color:rgb(26, 245, 209)  
}
```

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(26, 245, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 245, 209) }
```

## Border

The CSS property to change the border of an element to YUV 175.4150, 16.5574, -131.0370 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(26, 245, 209) }
```



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

```
.border{ border-color:rgb(26, 245, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 245, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 245, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 245, 209);  
box-shadow:4px 4px 4px 4px rgb(26, 245,  
209) }
```

# Background

The CSS property to change the background color of an element to YUV 175.4150, 16.5574, -131.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 245, 209) }
```

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

```
.background{ background-color: rgb(26, 245,  
209) }
```

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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