

# Converting Colors

YUV(155.3770, 34.3241,  
-136.2656)

Have a look what the booklet for  
YUV(155.3770, 34.3241, -136.2656)  
contains.

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# Color

**YUV(155.3770, 34.3241,  
-136.2656)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DDE1
RGB	0, 221, 225
RGB Percent	0%, 87%, 88%
CMY	1.0000, 0.1333, 0.1176
CMYK	1.00, 0.02, 0.00, 0.12
HSL	181°, 100%, 44%
HSV	181°, 100%, 88%
XYZ	39.4471, 57.1491, 80.1860
YIQ	155.3770, -133.0000, -45.6080

# Conversions

## Conversions Part 2

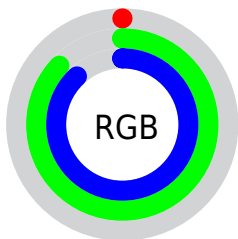
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 111, 225
Decimal	56801
CIELab	80.26, -41.97, -14.64
CIELCh	80, 44.448, 199.229
Yxy	57.1491, 0.2231, 0.3233
Android (android.graphics.Color)	4278246881 (0xFF00DDE1)
YUV	155.3770, 34.3241, -136.2656
Hunter-Lab	75.5971, -39.1523, -9.9711

# Details

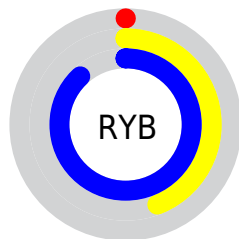
The YUV color **155.3770, 34.3241, -136.2656** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **69.6230, -34.3241, 136.2656**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2430, 21.0792, -87.9131**, and **116.2350, 26.5061, -101.9381** is the 20% darker color. If you saturate the color by 10%, you get **155.3770, 34.3241, -136.2656**, and if you desaturate by 10%, it is **161.9550, 31.0812, -122.7405**.

# Distribution



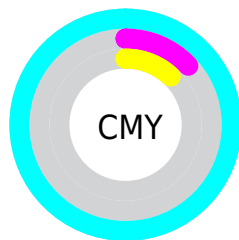
- Red (0%)
- Green (87%)
- Blue (88%)



- Red (0%)
- Yellow (44%)
- Blue (88%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (13%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 155.3770, 34.3241, -136.2656 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 155.3770, 34.3241, -136.2656 by changing the saturation by 10% instead.



155.3770, 34.3241,  
-136.2656

155.3770, 34.3241,  
-136.2656

255.0000, 0.0000,  
0.0000

135.7490, 30.1967,  
-119.0519

212.2430, 21.0792,  
-87.9131

116.2350, 26.5061,  
-101.9381

222.4090, 16.0674,  
-67.0107

97.3080, 22.5262,  
-85.3391

232.2760, 11.2029,  
-46.7231

79.1960, 19.1304,  
-69.4549

241.8440, 6.4859,  
-27.0502

61.6710, 15.4452,  
-54.0855

251.4120, 1.7689,  
-7.3773

44.3740, 12.6336,  
-38.9160

29.4250, 8.6645,

-25.8057

■ 4.8390, 10.9254,  
-4.2438

■ 0.0000, 0.0000,  
0.0000

■ 155.3770, 34.3241,  
-136.2656

■ 161.9550, 31.0812,  
-122.7405

■ 169.4190, 27.4014,  
-109.1155

■ 176.2960, 24.0111,  
-94.9756

■ 183.4610, 20.4787,  
-81.9653

■ 190.3380, 17.0884,  
-67.8254

■ 196.9160, 13.8454,  
-54.3003

■ 204.0810, 10.3131,  
-41.2900

■ 210.9580, 6.9227,  
-27.1502

■ 218.4220, 3.2430,  
-13.5251

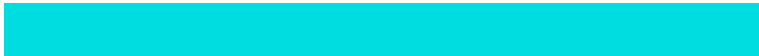
# Harmonies

## Analogous

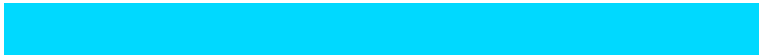
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



178.5920, 1.6801, -72.4332



155.3770, 34.3241, -136.2656



156.4490, 48.5856, -137.2058

# Triad

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



155.3770, 34.3241, -136.2656



204.5930, 24.3577, 27.5439



196.9160, -39.3986, 36.9077

# Complementary

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



155.3770, 34.3241, -136.2656



69.6230, -34.3241, 136.2656

# 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.



195.8760, -28.5329, 51.8517



155.3770, 34.3241, -136.2656



199.4850, 8.1419, 48.6867

# Square

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



155.3770, 34.3241, -136.2656



197.0670, 28.5610, -14.0908



194.1100, -9.9142, 53.4005



193.4020, -36.6802, 4.9094



# Rectangle

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



155.3770, 34.3241, -136.2656



177.1460, 38.3820, -84.3200



194.1100, -9.9142, 53.4005



198.4270, -37.6785, 45.2295

# Sweetspot

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



155.3770, 34.3241, -136.2656



231.6890, 11.4923, -46.2083



132.5310, -63.3658, -116.2297



113.6590, 7.0701, -27.7649



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.



155.3770, 34.3241, -136.2656



175.8200, 39.0357, -154.1941



89.6330, 66.7359, -78.6081



108.7110, 1.6215, -6.7625



121.6150, 26.8118, -106.6564



33.6480, 7.0755, -29.5093



# Inverse Universe

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



92.4690, 63.3658, 116.2297



104.7450, 71.6107, 131.7736



135.3670, -66.7359, 78.6081



105.5430, 3.1833, 5.6628



72.3460, 49.6224, 90.9046

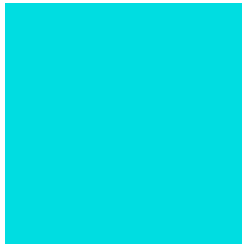


19.8240, 13.8908, 24.7104



# Previews

## White Background



This preview shows how the YUV color 155.3770, 34.3241, -136.2656 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

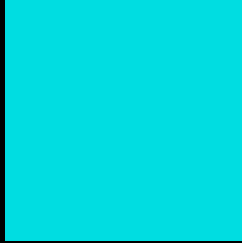
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 155.3770, 34.3241, -136.2656 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

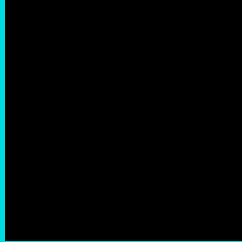
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

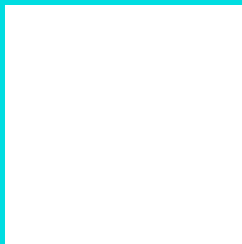
Any Text WCAG AAA ✓ Pass

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

# YUV 155.3770, 34.3241, -136.2656 Background



This preview shows how black text looks on a background with the YUV color 155.3770, 34.3241, -136.2656.



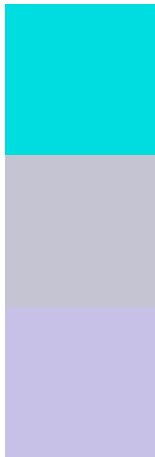
This preview shows how white text looks on a background with the YUV color 155.3770, 34.3241, -136.2656.

-136.2656.

# 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

155.3770, 34.3241, -136.2656

### Protanopia

197.8950, 5.9678, -0.7849

### Deuteranopia

199.4250, 15.5665, 0.5043



## Tritanopia

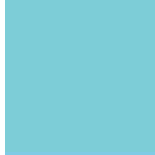
166.3350, 34.8378, -114.3038

# Trichromacy



## Original Color

155.3770, 34.3241, -136.2656



## Protanomaly

182.2200, 16.1605, -50.1819



## Deuteranomaly

183.2400, 22.5597, -49.3225



## Tritanomaly

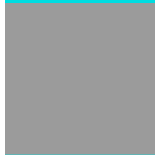
162.5790, 34.7176, -122.4108

# Monochromacy



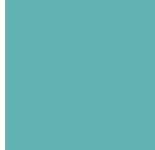
## Original Color

155.3770, 34.3241, -136.2656



## Achromatopsia

155.0000, 0.0000, 0.0000



## Achromatomaly

155.1940, 12.2294, -49.2821

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 155.3770, 34.3241, -136.2656 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, 221, 225)` looks like.

```
.text, #text, p{  
    color:rgb(0, 221, 225)  
}
```

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, 221, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 221, 225) }
```

## Border

The CSS property to change the border of an element to YUV 155.3770, 34.3241, -136.2656 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, 221, 225) }
```



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

```
.border{ border-color:rgb(0, 221, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 221, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 221, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 221, 225);  
box-shadow:4px 4px 4px 4px rgb(0, 221,  
225) }
```

# Background

The CSS property to change the background color of an element to YUV 155.3770, 34.3241, -136.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 221, 225) }
```

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

```
.background{ background-color: rgb(0, 221,  
225) }
```

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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