

# Converting Colors

YUV(157.3350, 48.1488,  
-137.1058)

Have a look what the booklet for  
YUV(157.3350, 48.1488, -137.1058)  
contains.

<b>YUV(157.3350, 48.1488, -137.1058)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**YUV(157.3350, 48.1488,  
-137.1058)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01DAFF
RGB	1, 218, 255
RGB Percent	0%, 85%, 100%
CMY	0.9961, 0.1451, 0.0000
CMYK	1.00, 0.15, 0.00, 0.00
HSL	189°, 100%, 50%
HSV	189°, 100%, 100%
XYZ	43.1339, 57.3693, 103.4077
YIQ	157.3350, -141.2090, -34.4970

# Conversions

## Conversions Part 2

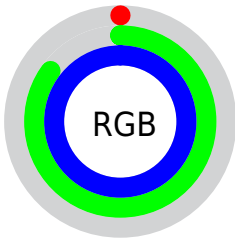
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 118, 255
Decimal	121599
CIELab	80.39, -31.23, -30.41
CIELCh	80, 43.584, 224.238
Yxy	57.3693, 0.2115, 0.2813
Android (android.graphics.Color)	4278311679 (0xFF01DAFF)
YUV	157.3350, 48.1488, -137.1058
Hunter-Lab	75.7425, -30.8970, -27.9261

# Details

The YUV color **157.3350, 48.1488, -137.1058** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **98.6650, -48.1488, 137.1058**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4390, 20.4896, -85.4540**, and **118.2530, 39.3153, -103.7079** is the 20% darker color. If you saturate the color by 10%, you get **157.0360, 48.2963, -137.7206**, and if you desaturate by 10%, it is **167.1580, 43.3061, -123.7956**.

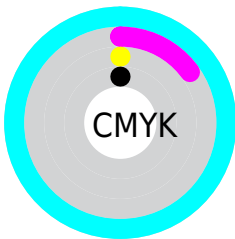
# Distribution



- Red (0%)
- Green (85%)
- Blue (100%)



- Red (0%)
- Yellow (46%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients

These gradients show how the YUV color 157.3350, 48.1488, -137.1058 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 157.3350, 48.1488, -137.1058 by changing the saturation by 10% instead.



157.3350, 48.1488,  
-137.1058

157.3350, 48.1488,  
-137.1058

255.0000, 0.0000,  
0.0000

137.2940, 43.7321,  
-120.4068

213.4390, 20.4896,  
-85.4540

118.2530, 39.3153,  
-103.7079

223.9040, 15.3303,  
-63.9368

99.3260, 35.3353,  
-87.1089

233.7710, 10.4659,  
-43.6492

80.9860, 31.0659,  
-71.0247

243.6380, 5.6015,  
-23.3615

63.9340, 26.6545,  
-56.0701

253.2060, 0.8844,  
-3.6887

47.1100, 23.1168,  
-41.3155

31.4600, 19.0002,

-27.5904

■ 8.8800, 18.7932,  
-7.7878

■ 3.5510, 11.0674,  
-3.1142

■ 157.3350, 48.1488,  
-137.1058

■ 157.3350, 48.1488,  
-137.1058

■ 157.0360, 48.2963,  
-137.7206

■ 167.1580, 43.3061,  
-123.7956

■ 176.6930, 38.6054,  
-109.3558

■ 186.8150, 33.6152,  
-95.4308

■ 196.6380, 28.7725,  
-82.1205

■ 206.7600, 23.7823,  
-68.1955

■ 215.9960, 19.2290,  
-54.3705

■ 225.8190, 14.3862,  
-41.0603

■ 235.9410, 9.3961,  
-27.1353

■ 245.4760, 4.6953,  
-12.6955

# Harmonies

## Analogous

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



167.1370, 25.0755, -109.7451



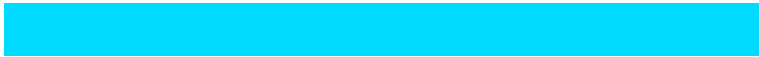
157.3350, 48.1488, -137.1058



182.2400, 35.8707, -72.1245

# Triad

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



157.3350, 48.1488, -137.1058



201.4570, 10.6207, 46.9572



194.6200, -37.2807, 10.8573

# Complementary

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



157.3350, 48.1488, -137.1058



98.6650, -48.1488, 137.1058

# 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.



198.5790, -38.2464, 40.7112



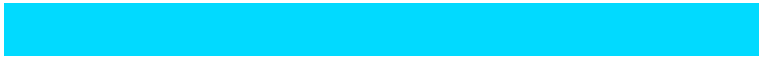
157.3350, 48.1488, -137.1058



195.4950, -7.1460, 52.1859

# Square

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



157.3350, 48.1488, -137.1058



204.3750, 24.9581, 21.5961



195.9730, -25.6227, 51.7667

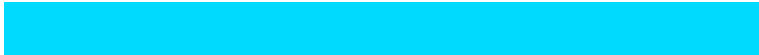


189.7170, -24.5105, -25.1848

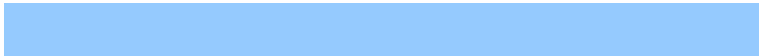


# Rectangle

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



157.3350, 48.1488, -137.1058



192.1950, 30.9629, -37.8820



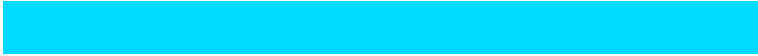
195.9730, -25.6227, 51.7667



195.9310, -38.9130, 21.1085

# Sweetspot

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



157.3350, 48.1488, -137.1058



225.8190, 14.3862, -41.0603



153.9740, -58.6542, -134.1582



110.1370, 8.8065, -24.6761



0.0000, 0.0000, 0.0000

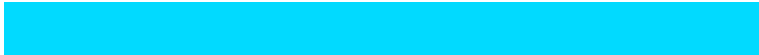


128.0000, 0.0000, 0.0000

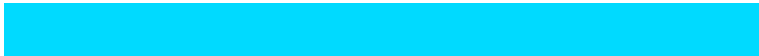


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



157.3350, 48.1488, -137.1058



157.0360, 48.2963, -137.7206



84.5470, 84.0333, -73.2707



122.9390, 2.4951, -6.9625



117.4550, 36.2577, -103.0080



38.9940, 12.3280, -34.1977



# Inverse Universe

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



101.6840, 57.3438, 134.4581



101.0970, 57.6332, 134.9729



171.4530, -84.0333, 73.2707



120.1410, 2.8885, 6.8923



75.6910, 43.0433, 101.1260



25.2920, 14.1530, 33.9469



# Previews

## White Background



This preview shows how the YUV color 157.3350, 48.1488, -137.1058 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

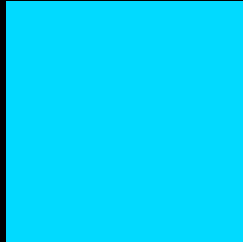
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 157.3350, 48.1488, -137.1058 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 157.3350, 48.1488, -137.1058 Background



This preview shows how black text looks on a background with the YUV color 157.3350, 48.1488, -137.1058.



This preview shows how white text looks on a background with the YUV color 157.3350, 48.1488, -137.1058.

-137.1058.

# 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

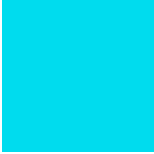
157.3350, 48.1488, -137.1058

### Protanopia

198.5100, 19.9616, -9.2173

### Deuteranopia

198.8500, 27.6820, -12.1464



## Tritanopia

156.2720, 40.2919, -137.0505

# Trichromacy



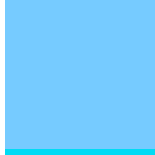
## Original Color

157.3350, 48.1488, -137.1058



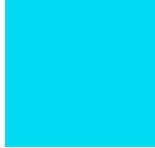
## Protanomaly

183.5580, 30.2909, -55.7404



## Deuteranomaly

183.5130, 35.2431, -57.4549



## Tritanomaly

156.3690, 43.2021, -137.1356

# Monochromacy



## Original Color

157.3350, 48.1488, -137.1058



## Achromatopsia

157.0000, 0.0000, 0.0000



## Achromatomaly

156.9750, 17.7603, -49.9671

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 157.3350, 48.1488, -137.1058 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(1, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(1, 218, 255)  
}
```

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(1, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 218, 255) }
```

## Border

The CSS property to change the border of an element to YUV 157.3350, 48.1488, -137.1058 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(1, 218, 255) }
```



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

```
.border{ border-color:rgb(1, 218, 255) }
```

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

Here you see how a box with a 4 pixel rgb(1, 218, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(1, 218,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 157.3350, 48.1488, -137.1058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 218, 255) }
```

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

```
.background{ background-color: rgb(1, 218,  
255) }
```

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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