

Converting Colors

YUV(161.7570, -8.7542,
-85.7329)

Have a look what the booklet for
YUV(161.7570, -8.7542, -85.7329)
contains.

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Color

**YUV(161.7570, -8.7542,
-85.7329)**

Conversions

Conversions Part 1

Format	Color
Hex	40D790
RGB	64, 215, 144
RGB Percent	25%, 84%, 56%
CMY	0.7490, 0.1569, 0.4353
CMYK	0.70, 0.00, 0.33, 0.16
HSL	152°, 65%, 55%
HSV	152°, 70%, 84%
XYZ	31.4488, 51.7045, 34.7080
YIQ	161.7570, -67.2050, -54.0930

Conversions

Conversions Part 2

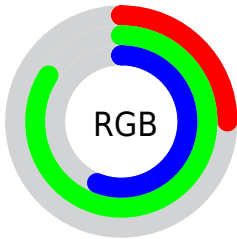
Format	Color
RYB	64, 163, 215
Decimal	4249488
CIELab	77.10, -55.48, 23.90
CIELCh	77, 60.412, 156.694
Yxy	51.7045, 0.2668, 0.4387
Android (android.graphics.Color)	4282439568 (0xFF40D790)
YUV	161.7570, -8.7542, -85.7329
Hunter-Lab	71.9058, -47.7662, 21.7156

Details

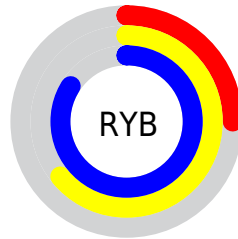
The YUV color **161.7570, -8.7542, -85.7329** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **117.2430, 8.7542, 85.7329**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.1270, -6.4716, -71.1484**, and **103.9350, -5.3910, -91.1510** is the 20% darker color. If you saturate the color by 10%, you get **154.0390, -9.8792, -98.2582**, and if you desaturate by 10%, it is **169.4750, -7.6292, -73.2076**.

Distribution



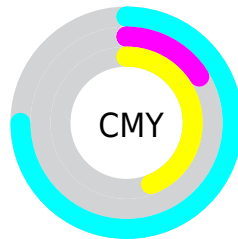
- Red (25%)
- Green (84%)
- Blue (56%)



- Red (25%)
- Yellow (64%)
- Blue (84%)



- Cyan (70%)
- Magenta (0%)
- Yellow (33%)
- Black (16%)



- Cyan (75%)
- Magenta (16%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.7570, -8.7542, -85.7329 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 161.7570, -8.7542, -85.7329 by changing the saturation by 10% instead.

■ 161.7570, -8.7542,
-85.7329

■ 161.7570, -8.7542,
-85.7329

■ 255.0000, 0.0000,
0.0000

■ 126.2110, -4.0480,
-101.9170

■ 211.1270, -6.4716,
-71.1484

■ 103.9350, -5.3910,
-91.1510

■ 223.2890, 1.3365,
-55.5045

■ 85.3500, -8.0605,
-74.8520

■ 235.5650, 9.5815,
-39.9605

■ 67.4660, -10.5827,
-59.1677

■ 244.8340, 5.0118,
-20.9024

■ 49.6960, -12.6681,
-43.5834

■ 253.8040, 0.5896,
-2.4591

■ 32.8720, -16.2059,
-28.8287

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 161.7570, -8.7542,
-85.7329

■ 161.7570, -8.7542,
-85.7329

■ 154.0390, -9.8792,
-98.2582

■ 169.4750, -7.6292,
-73.2076

■ 146.6200,
-11.1517, -110.1687

■ 176.8940, -6.3567,
-61.2970


■ 139.2010,
-12.4241, -122.0793

■ 184.6120, -5.2317,
-48.7717

■ 192.0310, -3.9593,
-36.8612

■ 199.8630, -2.3975,
-24.4359

 207.2820, -1.1250,
-12.5253

 215.0000, 0.0000,
0.0000

 222.4190, 1.2724,
11.9105

 229.2400, 2.8397,
22.5915

Harmonies

Analogous

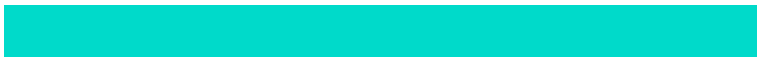
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



177.0150, -39.9404, -22.8152



161.7570, -8.7542, -85.7329



150.9940, 25.1460, -132.4217

Triad

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



161.7570, -8.7542, -85.7329



174.6640, 39.6056, -56.7103



179.2460, -26.2503, 66.4363

Complementary

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



161.7570, -8.7542, -85.7329



117.2430, 8.7542, 85.7329

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.



179.5320, 0.2307, 66.1854



161.7570, -8.7542, -85.7329



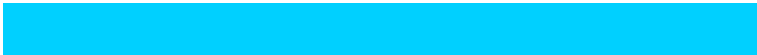
192.5360, 30.7948, 16.1929

Square

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



161.7570, -8.7542, -85.7329



151.1660, 51.1902, -132.5726



191.1990, 22.0869, 55.9535



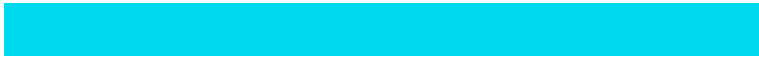
187.0130, -49.7994, 59.6246

Rectangle

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



161.7570, -8.7542, -85.7329



155.2120, 41.3075, -136.1209



191.1990, 22.0869, 55.9535



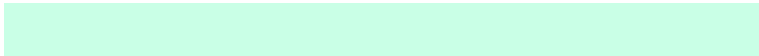
178.2490, -17.3778, 67.3106

Sweetspot

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



161.7570, -8.7542, -85.7329



236.0040, -2.9600, -30.6985



174.4640, -54.4588, -32.8559



116.7220, -1.8349, -18.1732



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.



161.7570, -8.7542, -85.7329



179.5000, -12.5715, -121.4645



168.0900, 23.1266, -91.2869



103.1410, -0.5625, -6.2627



110.7510, -9.7372, -97.1286



27.8630, -2.3975, -24.4359

Inverse Universe

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



117.2430, 8.7542, 85.7329



116.5000, 12.5715, 121.4645



110.9100, -23.1266, 91.2869



99.8590, 0.5625, 6.2627



60.2490, 9.7372, 97.1286



15.1370, 2.3975, 24.4359

Previews

White Background



This preview shows how the YUV color 161.7570, -8.7542, -85.7329 looks on a white background.

Color Contrast Check

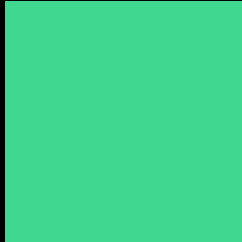
Large Text (above 18pt) WCAG AA × Fail

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 161.7570, -8.7542, -85.7329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

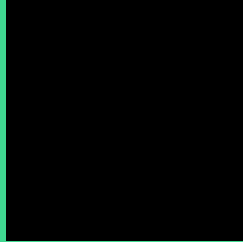
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.7570, -8.7542, -85.7329

Background



This preview shows how black text looks on a background with the YUV color 161.7570, -8.7542, -85.7329.



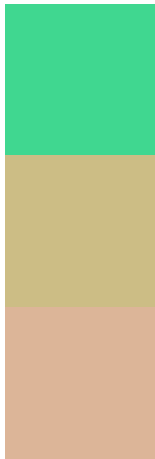
This preview shows how white text looks on a background with the YUV color 161.7570, -8.7542, -85.7329.

-85.7329.

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

161.7570, -8.7542, -85.7329

Protanopia

187.1010, -26.6718, 14.8204

Deuteranopia

189.3550, -18.4160, 26.8757



Tritanopia

174.0480, 23.6403, -69.3251

Trichromacy



Original Color

161.7570, -8.7542, -85.7329



Protanomaly

177.5910, -20.0114, -21.5663



Deuteranomaly

179.0140, -14.7969, -14.0443



Tritanomaly

169.9150, 11.8739, -75.3475

Monochromacy



Original Color

161.7570, -8.7542, -85.7329



Achromatopsia

162.0000, 0.0000, 0.0000



Achromatomaly

161.5910, -3.2494, -31.2133

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.7570, -8.7542, -85.7329 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(64, 215, 144)` looks like.

```
.text, #text, p{  
    color:rgb(64, 215, 144)  
}
```

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(64, 215, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 215, 144) }
```

Border

The CSS property to change the border of an element to YUV 161.7570, -8.7542, -85.7329 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(64, 215, 144) }
```


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

```
.border{ border-color:rgb(64, 215, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 215, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 215, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 215, 144);  
box-shadow:4px 4px 4px 4px rgb(64, 215,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 161.7570, -8.7542, -85.7329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 215, 144) }
```

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

```
.background{ background-color: rgb(64, 215,  
144) }
```

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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