

Converting Colors

YUV(140.8600, 1.5480,
-123.5342)

Have a look what the booklet for
YUV(140.8600, 1.5480, -123.5342)
contains.

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Color

**YUV(140.8600, 1.5480,
-123.5342)**

Conversions

Conversions Part 1

Format	Color
Hex	00D490
RGB	0, 212, 144
RGB Percent	0%, 83%, 56%
CMY	1.0000, 0.1686, 0.4353
CMYK	1.00, 0.00, 0.32, 0.17
HSL	161°, 100%, 42%
HSV	161°, 100%, 83%
XYZ	28.5775, 49.1006, 34.3567
YIQ	140.8600, -104.5240, -66.0920

Conversions

Conversions Part 2

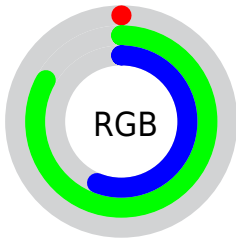
Format	Color
RYB	0, 126, 212
Decimal	54416
CIELab	75.51, -59.49, 21.62
CIELCh	76, 63.300, 160.026
Yxy	49.1006, 0.2551, 0.4383
Android (android.graphics.Color)	4278244496 (0xFF00D490)
YUV	140.8600, 1.5480, -123.5342
Hunter-Lab	70.0718, -49.8277, 19.9799

Details

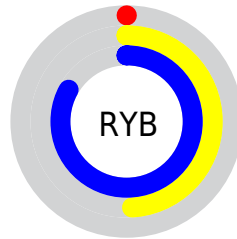
The YUV color **140.8600, 1.5480, -123.5342** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **71.1400, -1.5480, 123.5342**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.3530, -2.6390, -87.1326**, and **102.1740, -4.5228, -89.6066** is the 20% darker color. If you saturate the color by 10%, you get **140.8600, 1.5480, -123.5342**, and if you desaturate by 10%, it is **147.9370, 1.5101, -111.3237**.

Distribution



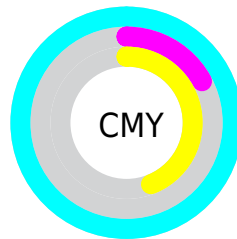
- Red (0%)
- Green (83%)
- Blue (56%)



- Red (0%)
- Yellow (49%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (17%)



- Cyan (100%)
- Magenta (17%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.8600, 1.5480, -123.5342 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 140.8600, 1.5480, -123.5342 by changing the saturation by 10% instead.

■ 140.8600, 1.5480,
-123.5342

■ 140.8600, 1.5480,
-123.5342

■ 255.0000, 0.0000,
0.0000

■ 121.4600, -1.7058,
-106.5204

■ 203.3530, -2.6390,
-87.1326

■ 102.1740, -4.5228,
-89.6066

■ 216.4120, 4.7269,
-69.6443

■ 83.5890, -7.1924,
-73.3076

■ 228.9870, 12.8244,
-53.4856

■ 65.7050, -9.7146,
-57.6233

■ 238.2560, 8.2548,
-34.4275

■ 47.9350, -11.8000,
-42.0390

■ 247.5250, 3.6852,
-15.3694

■ 31.1110, -15.3377,
-27.2843

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 140.8600, 1.5480,
-123.5342

■ 147.9370, 1.5101,
-111.3237

■ 155.0140, 1.4721,
-99.1133

■ 162.2760, 0.8499,
-86.1881

■ 169.3530, 0.8120,
-73.9776

■ 176.4300, 0.7740,
-61.7671

■ 183.5070, 0.7360,
-49.5566

■ 190.5840, 0.6981,
-37.3462

■ 197.8460, 0.0759,
-24.4209

■ 204.9230, 0.0380,
-12.2105

Harmonies

Analogous

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



170.9000, -38.8977, -30.6073



140.8600, 1.5480, -123.5342



149.5750, 27.3245, -131.1773

Triad

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



140.8600, 1.5480, -123.5342



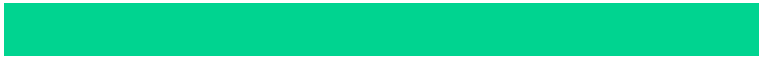
172.0390, 40.8998, -51.7772



175.5300, -30.3343, 69.6952

Complementary

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



140.8600, 1.5480, -123.5342



71.1400, -1.5480, 123.5342

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.



174.1690, -2.5483, 70.8888



140.8600, 1.5480, -123.5342



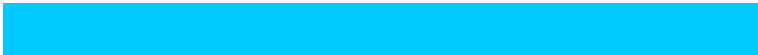
188.4490, 32.8096, 23.2852

Square

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



140.8600, 1.5480, -123.5342



148.2310, 52.6371, -129.9986



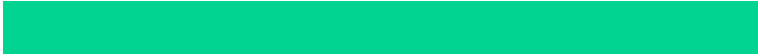
184.8900, 20.7602, 61.4865



182.2750, -53.8726, 59.3948

Rectangle

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



140.8600, 1.5480, -123.5342



153.3200, 44.2122, -134.4616



184.8900, 20.7602, 61.4865



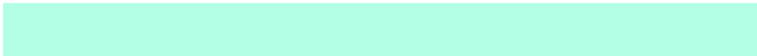
173.9460, -21.1724, 71.0844

Sweetspot

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



140.8600, 1.5480, -123.5342



229.4260, 0.2830, -44.2236



145.6730, -71.8168, -65.4882



112.5360, 0.2288, -26.7801



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.



140.8600, 1.5480, -123.5342



169.4070, 1.7713, -148.5699



128.0670, 41.3790, -112.3148



103.3690, 0.3111, -6.4626



113.6010, 1.1827, -99.6281



28.5470, 0.2233, -25.0357

Inverse Universe

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



71.1400, -1.5480, 123.5342



85.5930, -1.7713, 148.5699



83.9330, -41.3790, 112.3148



99.7450, 0.1257, 6.3626



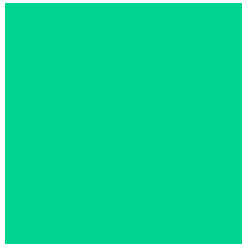
57.3990, -1.1827, 99.6281



14.4530, -0.2233, 25.0357

Previews

White Background



This preview shows how the YUV color 140.8600, 1.5480, -123.5342 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 140.8600, 1.5480, -123.5342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

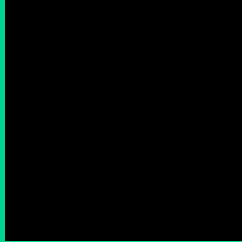
Any Text WCAG AA ✓ Pass

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 140.8600, 1.5480, -123.5342 Background



This preview shows how black text looks on a background with the YUV color 140.8600, 1.5480, -123.5342.

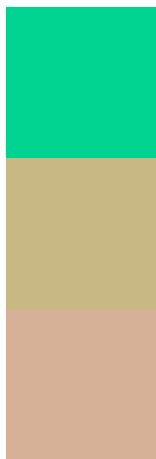


This preview shows how white text looks on a background with the YUV color 140.8600, 1.5480,

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

140.8600, 1.5480, -123.5342

Protanopia

182.5570, -24.9246, 14.4205

Deuteranopia

185.2130, -16.3740, 25.2462



Tritanopia

165.9540, 26.1517, -81.5207

Trichromacy



Original Color

140.8600, 1.5480, -123.5342



Protanomaly

167.3550, -15.4580, -35.3913



Deuteranomaly

169.1800, -9.9487, -29.0989



Tritanomaly

156.5640, 17.4699, -96.9646

Monochromacy



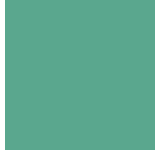
Original Color

140.8600, 1.5480, -123.5342



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

141.1270, 0.4304, -44.8384

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8600, 1.5480, -123.5342 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, 212, 144)` looks like.

```
.text, #text, p{  
    color:rgb(0, 212, 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(0, 212, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 212, 144) }
```

Border

The CSS property to change the border of an element to YUV 140.8600, 1.5480, -123.5342 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, 212, 144) }
```


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

```
.border{ border-color:rgb(0, 212, 144) }
```

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

Here you see how a box with a 4 pixel rgb(0, 212, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 212, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 212, 144);  
box-shadow:4px 4px 4px 4px rgb(0, 212,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 140.8600, 1.5480, -123.5342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 212, 144) }
```

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

```
.background{ background-color: rgb(0, 212,  
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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