

Converting Colors

YUV(140.7200, -2.8200,
-122.5344)

Have a look what the booklet for
YUV(140.7200, -2.8200, -122.5344)
contains.

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Color

**YUV(140.7200, -2.8200,
-122.5344)**

Conversions

Conversions Part 1

Format	Color
Hex	01D587
RGB	1, 213, 135
RGB Percent	0%, 84%, 53%
CMY	0.9961, 0.1647, 0.4706
CMYK	1.00, 0.00, 0.37, 0.16
HSL	158°, 99%, 42%
HSV	158°, 100%, 84%
XYZ	28.1799, 49.3442, 30.9608
YIQ	140.7200, -101.3140, -69.2020

Conversions

Conversions Part 2

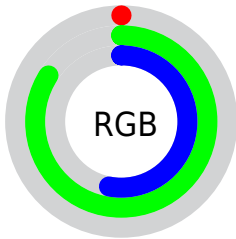
Format	Color
RYB	1, 131, 213
Decimal	120199
CIELab	75.66, -61.70, 26.53
CIELCh	76, 67.164, 156.737
Yxy	49.3442, 0.2598, 0.4548
Android (android.graphics.Color)	4278310279 (0xFF01D587)
YUV	140.7200, -2.8200, -122.5344
Hunter-Lab	70.2454, -51.3218, 23.0396

Details

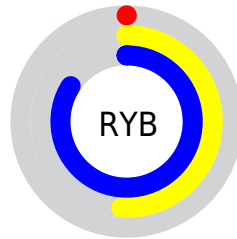
The YUV color **140.7200, -2.8200, -122.5344** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **73.2800, 2.8200, 122.5344**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.3270, -6.5702, -86.2328**, and **101.7350, -8.7434, -89.2216** is the 20% darker color. If you saturate the color by 10%, you get **140.4210, -2.6726, -123.1492**, and if you desaturate by 10%, it is **147.9110, -2.4211, -110.4239**.

Distribution



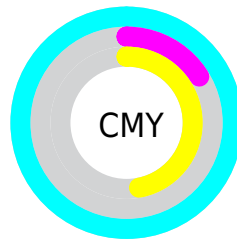
- Red (0%)
- Green (84%)
- Blue (53%)



- Red (0%)
- Yellow (51%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.7200, -2.8200, -122.5344 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 140.7200, -2.8200, -122.5344 by changing the saturation by 10% instead.

■ 140.7200, -2.8200,
-122.5344

■ 140.7200, -2.8200,
-122.5344

■ 255.0000, 0.0000,
0.0000

■ 121.0210, -5.9264,
-106.1354

■ 202.3270, -6.5702,
-86.2328

■ 101.7350, -8.7434,
-89.2216

■ 215.3860, 0.7957,
-68.7445

■ 83.2640, -10.9762,
-73.0225

■ 228.1460, 8.3090,
-51.8710

■ 64.7930, -13.2089,
-56.8235

■ 238.5550, 8.1074,
-33.8127

■ 47.4960, -16.0205,
-41.6540

■ 247.8240, 3.5378,
-14.7546

■ 31.6980, -15.6271,
-27.7991

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 140.7200, -2.8200,
-122.5344

■ 140.7200, -2.8200,
-122.5344

■ 140.4210, -2.6726,
-123.1492

■ 147.9110, -2.4211,
-110.4239

■ 155.4010, -2.1697,
-97.6987

■ 162.5920, -1.7709,
-85.5882

■ 169.6690, -1.8088,
-73.3777

■ 177.1590, -1.5574,
-60.6524

■ 184.3500, -1.1585,
-48.5419

■ 191.5410, -0.7597,
-36.4315

■ 198.7320, -0.3609,
-24.3210

■ 206.2220, -0.1094,
-11.5957

Harmonies

Analogous

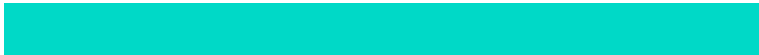
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171.0270, -44.8763, -26.3337



140.7200, -2.8200, -122.5344



150.0650, 24.1250, -131.6070

Triad

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



140.7200, -2.8200, -122.5344



164.5310, 44.6012, -72.3797



172.2360, -27.7243, 72.5840

Complementary

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



140.7200, -2.8200, -122.5344



73.2800, 2.8200, 122.5344

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.



171.9180, 1.5194, 72.8629



140.7200, -2.8200, -122.5344



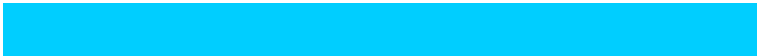
187.5300, 33.2627, 17.9522

Square

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



140.7200, -2.8200, -122.5344



149.9920, 51.7689, -131.5430



184.8560, 25.7070, 61.5163



180.9660, -55.1992, 64.9278

Rectangle

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



140.7200, -2.8200, -122.5344



154.1520, 42.3231, -135.1913



184.8560, 25.7070, 61.5163



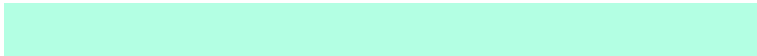
170.7660, -18.1256, 73.8732

Sweetspot

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



140.7200, -2.8200, -122.5344



229.0840, -1.0274, -43.9237



149.6630, -73.2909, -59.3405



112.3080, -0.6448, -26.5801



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.



140.7200, -2.8200, -122.5344



168.0390, -3.4702, -147.3702



134.9370, 38.4851, -117.4627



103.2550, -0.1257, -6.3626



112.6890, -2.3117, -98.8283



28.3190, -0.6503, -24.8358

Inverse Universe

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



73.2800, 2.8200, 122.5344



86.9610, 3.4702, 147.3702



79.0630, -38.4851, 117.4627



99.7450, 0.1257, 6.3626



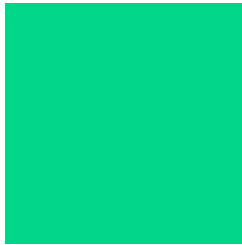
58.3110, 2.3117, 98.8283



14.6810, 0.6503, 24.8358

Previews

White Background



This preview shows how the YUV color 140.7200, -2.8200, -122.5344 looks on a white background.

Color Contrast Check

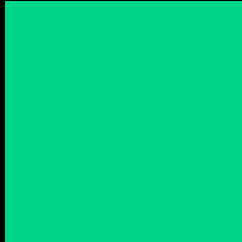
Large Text (above 18pt) WCAG AA × Fail

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 140.7200, -2.8200, -122.5344 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 140.7200, -2.8200, -122.5344 Background



This preview shows how black text looks on a background with the YUV color 140.7200, -2.8200, -122.5344.



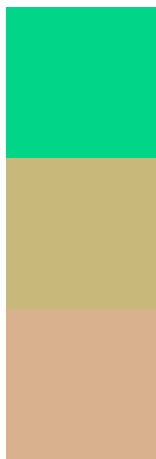
This preview shows how white text looks on a background with the YUV color 140.7200, -2.8200, -122.5344.

-122.5344.

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

140.7200, -2.8200, -122.5344

Protanopia

182.4170, -29.2926, 15.4203

Deuteranopia

185.0840, -20.7474, 27.9903



Tritanopia

166.8510, 25.7095, -79.6763

Trichromacy



Original Color

140.7200, -2.8200, -122.5344



Protanomaly

167.2150, -19.8260, -34.3916



Deuteranomaly

168.7520, -14.1747, -26.9695



Tritanomaly

157.5920, 14.9911, -95.2352

Monochromacy



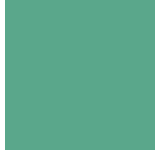
Original Color

140.7200, -2.8200, -122.5344



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

140.7850, -0.8800, -44.5384

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.7200, -2.8200, -122.5344 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, 213, 135)` looks like.

```
.text, #text, p{  
    color:rgb(1, 213, 135)  
}
```

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, 213, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 213, 135) }
```

Border

The CSS property to change the border of an element to YUV 140.7200, -2.8200, -122.5344 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, 213, 135) }
```


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

```
.border{ border-color:rgb(1, 213, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 213, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 213, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 213, 135);  
box-shadow:4px 4px 4px 4px rgb(1, 213,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 140.7200, -2.8200, -122.5344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 213, 135) }
```

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

```
.background{ background-color: rgb(1, 213,  
135) }
```

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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