

Converting Colors

YUV(131.5020, 1.2315,
-115.3273)

Have a look what the booklet for
YUV(131.5020, 1.2315, -115.3273)
contains.

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Color

**YUV(131.5020, 1.2315,
-115.3273)**

Conversions

Conversions Part 1

Format	Color
Hex	00C686
RGB	0, 198, 134
RGB Percent	0%, 78%, 53%
CMY	1.0000, 0.2235, 0.4745
CMYK	1.00, 0.00, 0.32, 0.22
HSL	161°, 100%, 39%
HSV	161°, 100%, 78%
XYZ	24.4972, 42.1094, 29.3911
YIQ	131.5020, -97.4640, -61.8800

Conversions

Conversions Part 2

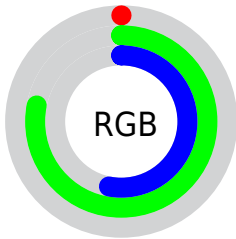
Format	Color
RYB	0, 118, 198
Decimal	50822
CIELab	70.95, -56.57, 20.65
CIELCh	71, 60.223, 159.945
Yxy	42.1094, 0.2552, 0.4387
Android (android.graphics.Color)	4278240902 (0xFF00C686)
YUV	131.5020, 1.2315, -115.3273
Hunter-Lab	64.8918, -46.1754, 18.5703

Details

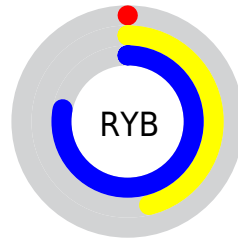
The YUV color **131.5020, 1.2315, -115.3273** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **66.4980, -1.2315, 115.3273**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9030, -6.8542, -88.4919**, and **93.5170, -4.6919, -82.0144** is the 20% darker color. If you saturate the color by 10%, you get **131.5020, 1.2315, -115.3273**, and if you desaturate by 10%, it is **138.1660, 0.9042, -103.6316**.

Distribution



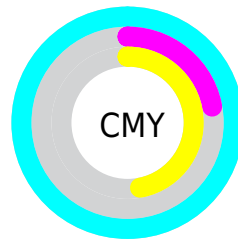
- Red (0%)
- Green (78%)
- Blue (53%)



- Red (0%)
- Yellow (46%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.5020, 1.2315, -115.3273 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 131.5020, 1.2315, -115.3273 by changing the saturation by 10% instead.

■ 131.5020, 1.2315,
-115.3273

■ 131.5020, 1.2315,
-115.3273

■ 255.0000, 0.0000,
0.0000

■ 112.2160, -1.5855,
-98.4134

■ 200.9030, -6.8542,
-88.4919

■ 93.5170, -4.6919,
-82.0144

■ 213.6630, 0.6591,
-71.6185

■ 74.9320, -7.3615,
-65.7154

■ 226.2380, 8.7567,
-55.4597

■ 57.1620, -9.4469,
-50.1311

■ 236.7610, 8.9918,
-37.5014

■ 39.9790, -11.8216,
-35.0616

■ 245.7310, 4.5696,
-19.0581

■ 24.6540, -12.1544,
-21.6216

■ 3.5220, -1.7363,

-3.0888

■ 0.0000, 0.0000,
0.0000

■ 131.5020, 1.2315,
-115.3273

■ 138.1660, 0.9042,
-103.6316

■ 144.9440, 1.0136,
-92.0359

■ 151.3090, 0.8337,
-80.9550

■ 158.0870, 0.9431,
-69.3593

■ 164.7510, 0.6158,
-57.6636

■ 171.4150, 0.2884,
-45.9680

■ 178.1930, 0.3979,
-34.3723

■ 184.5580, 0.2179,
-23.2914

■ 191.3360, 0.3274,
-11.6957

Harmonies

Analogous

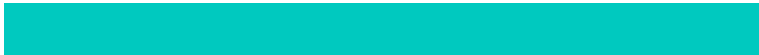
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



159.1930, -36.5771, -28.2333



131.5020, 1.2315, -115.3273



139.7610, 25.2608, -122.5704

Triad

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



131.5020, 1.2315, -115.3273



162.3040, 45.6991, -51.1326



168.1610, -30.6454, 76.1578

Complementary

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



131.5020, 1.2315, -115.3273



66.4980, -1.2315, 115.3273

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.



166.9310, -4.8960, 77.2365



131.5020, 1.2315, -115.3273



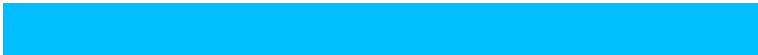
178.3930, 37.7673, 19.8263

Square

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



131.5020, 1.2315, -115.3273



140.6000, 56.3992, -123.3062



177.1250, 17.6864, 67.4194



169.8770, -50.2254, 56.2359

Rectangle

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



131.5020, 1.2315, -115.3273



143.2780, 41.2749, -125.6548



177.1250, 17.6864, 67.4194



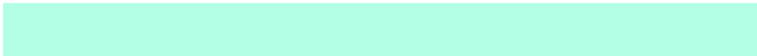
167.0500, -22.2097, 77.1321

Sweetspot

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



131.5020, 1.2315, -115.3273



229.4260, 0.2830, -44.2236



135.9600, -67.0283, -61.3549



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.



131.5020, 1.2315, -115.3273



169.4070, 1.7713, -148.5699



119.4270, 38.7365, -104.7375



95.9670, 0.0163, -5.2331



108.2210, 0.8770, -94.9098



23.8680, 0.0651, -20.9322

Inverse Universe

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



66.4980, -1.2315, 115.3273



85.5930, -1.7713, 148.5699



78.5730, -38.7365, 104.7375



93.0330, -0.0163, 5.2331



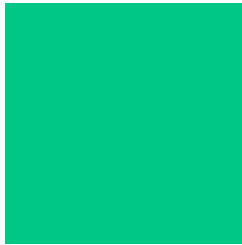
54.7790, -0.8770, 94.9098



12.1320, -0.0651, 20.9322

Previews

White Background



This preview shows how the YUV color 131.5020, 1.2315, -115.3273 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 131.5020, 1.2315, -115.3273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

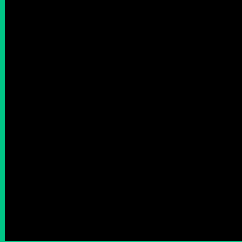
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 131.5020, 1.2315, -115.3273

Background



This preview shows how black text looks on a background with the YUV color 131.5020, 1.2315, -115.3273.



This preview shows how white text looks on a background with the YUV color 131.5020, 1.2315, -115.3273.

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



Protanopia

170.6000, -23.4668, 13.5058

Deuteranopia

173.3160, -15.9318, 23.4019

Tritanopia

154.6450, 24.8250, -75.9877

Trichromacy



Protanomaly

156.0070, -14.3005, -33.3321

Deuteranomaly

158.1910, -9.9542, -27.3545

Tritanomaly

145.9670, 16.2853, -90.3021

Monochromacy



Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.8500, 0.5670, -41.9644

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.5020, 1.2315, -115.3273 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, 198, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 198, 134)  
}
```

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, 198, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 198, 134) }
```

Border

The CSS property to change the border of an element to YUV 131.5020, 1.2315, -115.3273 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, 198, 134) }
```

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

```
.border{ border-color:rgb(0, 198, 134) }
```

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

Here you see how a box with a 4 pixel rgb(0, 198, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 198, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 198, 134);  
box-shadow:4px 4px 4px 4px rgb(0, 198,  
134) }
```


Background

The CSS property to change the background color of an element to YUV 131.5020, 1.2315, -115.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 198, 134) }
```

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

```
.background{ background-color: rgb(0, 198,  
134) }
```

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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