

Converting Colors

YUV(151.6760, -2.7983,
-129.5119)

Have a look what the booklet for
YUV(151.6760, -2.7983, -129.5119)
contains.

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Color

**YUV(151.6760, -2.7983,
-129.5119)**

Conversions

Conversions Part 1

Format	Color
Hex	04E492
RGB	4, 228, 146
RGB Percent	2%, 89%, 57%
CMY	0.9843, 0.1059, 0.4275
CMYK	0.98, 0.00, 0.36, 0.11
HSL	158°, 97%, 45%
HSV	158°, 98%, 89%
XYZ	32.9818, 57.5879, 36.5714
YIQ	151.6760, -107.1820, -72.9900

Conversions

Conversions Part 2

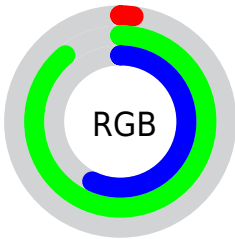
Format	Color
RYB	4, 141, 228
Decimal	320658
CIELab	80.51, -64.63, 27.37
CIELCh	81, 70.188, 157.048
Yxy	57.5879, 0.2594, 0.4529
Android (android.graphics.Color)	4278510738 (0xFF04E492)
YUV	151.6760, -2.7983, -129.5119
Hunter-Lab	75.8867, -55.2223, 24.5476

Details

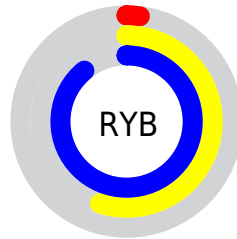
The YUV color **151.6760, -2.7983, -129.5119** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **80.3240, 2.7983, 129.5119**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.0760, -2.5025, -84.2587**, and **111.2070, -7.9901, -97.5285** is the 20% darker color. If you saturate the color by 10%, you get **150.3660, -2.6454, -131.8710**, and if you desaturate by 10%, it is **159.4650, -2.6942, -116.1718**.

Distribution



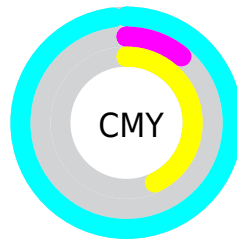
- Red (2%)
- Green (89%)
- Blue (57%)



- Red (2%)
- Yellow (55%)
- Blue (89%)



- Cyan (98%)
- Magenta (0%)
- Yellow (36%)
- Black (11%)



- Cyan (98%)
- Magenta (11%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.6760, -2.7983, -129.5119 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 151.6760, -2.7983, -129.5119 by changing the saturation by 10% instead.

151.6760, -2.7983,
-129.5119

151.6760, -2.7983,
-129.5119

255.0000, 0.0000,
0.0000

130.4930, -5.1730,
-114.4424

205.0760, -2.5025,
-84.2587

111.2070, -7.9901,
-97.5285

218.2490, 5.3002,
-66.8704

91.9210, -10.8071,
-80.6147

230.7810, 11.9400,
-49.7969

74.0370, -13.3292,
-64.9304

240.3490, 7.2229,
-30.1241

55.5660, -15.5620,
-48.7314

249.6180, 2.6533,
-11.0660

38.1550, -18.8104,
-33.4619

24.0670, -11.8650,

-21.1068

■ 1.7610, -0.8682,
-1.5444

■ 0.0000, 0.0000,
0.0000

■ 151.6760, -2.7983,
-129.5119

■ 151.6760, -2.7983,
-129.5119

■ 150.3660, -2.6454,
-131.8710

■ 159.4650, -2.6942,
-116.1718

■ 167.3680, -2.1534,
-102.9317

■ 174.8580, -1.9020,
-90.2065

■ 182.6470, -1.7980,
-76.8664

■ 190.5500, -1.2572,
-63.6264

■ 198.3390, -1.1531,
-50.2863

■ 206.1280, -1.0491,
-36.9463

■ 213.7320, -0.3609,
-24.3210

■ 221.5210, -0.2569,
-10.9809

Harmonies

Analogous

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



183.1470, -46.9075, -28.1929



151.6760, -2.7983, -129.5119



160.5800, 26.3361, -140.8287

Triad

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



151.6760, -2.7983, -129.5119



175.4510, 39.2177, -72.3095



180.1920, -27.7027, 65.6066

Complementary

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



151.6760, -2.7983, -129.5119



80.3240, 2.7983, 129.5119

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.



179.1560, 3.8671, 66.5152



151.6760, -2.7983, -129.5119



199.0590, 27.5789, 20.9963

Square

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



151.6760, -2.7983, -129.5119



158.2100, 47.7175, -138.7502



193.0230, 29.0757, 54.3538



189.2810, -56.3405, 57.6356

Rectangle

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



151.6760, -2.7983, -129.5119



164.6670, 44.5342, -144.4130



193.0230, 29.0757, 54.3538



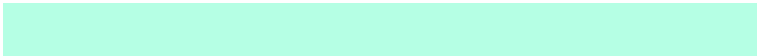
178.3630, -16.9410, 67.2106

Sweetspot

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



151.6760, -2.7983, -129.5119



229.7960, -0.8854, -42.7941



160.0060, -76.9110, -64.9033



112.6070, -0.7923, -25.9653



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.



151.6760, -2.7983, -129.5119



168.1530, -3.0334, -147.4702



143.4140, 41.7009, -122.2661



110.9560, 0.0217, -6.9774



117.9550, -2.4428, -103.4465



33.5850, -0.7814, -29.4540

Inverse Universe

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



80.3240, 2.7983, 129.5119



86.8470, 3.0334, 147.4702



88.5860, -41.7009, 122.2661



107.0440, -0.0217, 6.9774



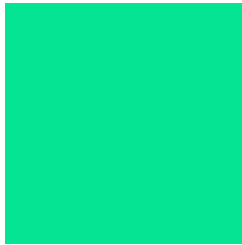
60.9310, 2.0060, 103.5465



17.4150, 0.7814, 29.4540

Previews

White Background



This preview shows how the YUV color 151.6760, -2.7983, -129.5119 looks on a white background.

Color Contrast Check

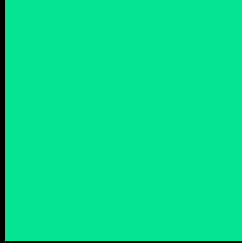
Large Text (above 18pt) WCAG AA × Fail

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 151.6760, -2.7983, -129.5119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

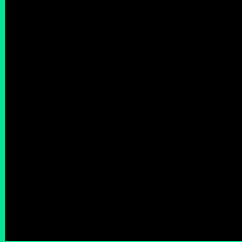
Any Text WCAG AA ✓ Pass

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 151.6760, -2.7983, -129.5119 Background



This preview shows how black text looks on a background with the YUV color 151.6760, -2.7983, -129.5119.

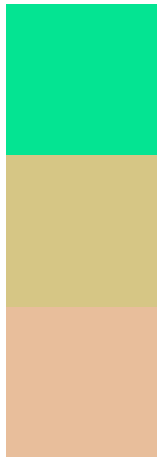


This preview shows how white text looks on a background with the YUV color 151.6760, -2.7983, -129.5119.

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

151.6760, -2.7983, -129.5119

Protanopia

195.3740, -30.7504, 16.3350

Deuteranopia

198.5680, -21.4790, 29.3199



Tritanopia

178.3880, 27.9097, -85.4093

Trichromacy



Original Color

151.6760, -2.7983, -129.5119



Protanomaly

179.6770, -20.5468, -36.5507



Deuteranomaly

181.6270, -14.6061, -28.6139



Tritanomaly

168.7160, 16.9020, -101.4829

Monochromacy



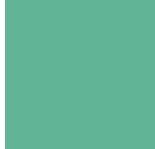
Original Color

151.6760, -2.7983, -129.5119



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

152.0620, -1.0166, -47.4124

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.6760, -2.7983, -129.5119 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(4, 228, 146)` looks like.

```
.text, #text, p{  
    color:rgb(4, 228, 146)  
}
```

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(4, 228, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 228, 146) }
```

Border

The CSS property to change the border of an element to YUV 151.6760, -2.7983, -129.5119 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(4, 228, 146) }
```


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

```
.border{ border-color:rgb(4, 228, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 228, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 228, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 228, 146);  
box-shadow:4px 4px 4px 4px rgb(4, 228,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 151.6760, -2.7983, -129.5119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 228, 146) }
```

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

```
.background{ background-color: rgb(4, 228,  
146) }
```

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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