

Converting Colors

YUV(151.0290, -1.4933,
-128.0674)

Have a look what the booklet for
YUV(151.0290, -1.4933, -128.0674)
contains.

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Color

**YUV(151.0290, -1.4933,
-128.0674)**

Conversions

Conversions Part 1

Format	Color
Hex	05E294
RGB	5, 226, 148
RGB Percent	2%, 89%, 58%
CMY	0.9804, 0.1137, 0.4196
CMYK	0.98, 0.00, 0.35, 0.11
HSL	159°, 96%, 45%
HSV	159°, 98%, 89%
XYZ	32.6042, 56.5631, 37.2163
YIQ	151.0290, -106.6780, -71.1100

Conversions

Conversions Part 2

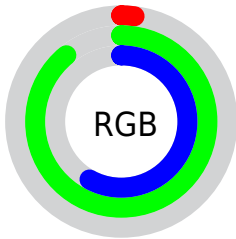
Format	Color
RYB	5, 139, 226
Decimal	385684
CIELab	79.93, -63.49, 25.57
CIELCh	80, 68.448, 158.068
Yxy	56.5631, 0.2580, 0.4476
Android (android.graphics.Color)	4278575764 (0xFF05E294)
YUV	151.0290, -1.4933, -128.0674
Hunter-Lab	75.2084, -54.2317, 23.3067

Details

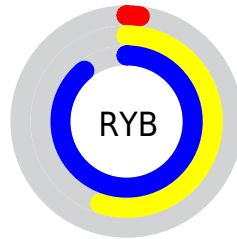
The YUV color **151.0290, -1.4933, -128.0674** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **79.9710, 1.4933, 128.0674**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.0050, -1.4815, -85.0734**, and **110.2610, -6.5377, -96.6989** is the 20% darker color. If you saturate the color by 10%, you get **149.3060, -1.6299, -130.9414**, and if you desaturate by 10%, it is **158.8180, -1.3893, -114.7274**.

Distribution



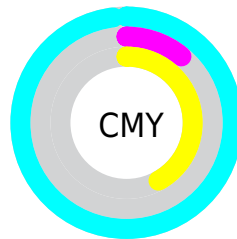
- Red (2%)
- Green (89%)
- Blue (58%)



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



- Cyan (98%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)



- Cyan (98%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.0290, -1.4933, -128.0674 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 151.0290, -1.4933, -128.0674 by changing the saturation by 10% instead.

151.0290, -1.4933,
-128.0674

151.0290, -1.4933,
-128.0674

255.0000, 0.0000,
0.0000

129.5470, -3.7207,
-113.6127

205.0050, -1.4815,
-85.0734

110.2610, -6.5377,
-96.6989

218.4770, 6.1738,
-67.0703

91.5620, -9.6441,
-80.2999

230.7810, 11.9400,
-49.7969

73.0910, -11.8769,
-64.1008

240.0500, 7.3704,
-30.7388

55.2070, -14.3991,
-48.4165

249.6180, 2.6533,
-11.0660

37.7960, -17.6474,
-33.1471

23.4800, -11.5756,

-20.5920

■ 0.0000, 0.0000,
0.0000

■ 151.0290, -1.4933,
-128.0674

■ 151.0290, -1.4933,
-128.0674

■ 149.3060, -1.6299,
-130.9414

■ 158.8180, -1.3893,
-114.7274

■ 166.3080, -1.1378,
-102.0021

■ 174.0970, -1.0338,
-88.6621

■ 181.5870, -0.7824,
-75.9368

■ 189.3760, -0.6784,
-62.5968

■ 197.1650, -0.5743,
-49.2567

■ 204.6550, -0.3229,
-36.5314

■ 212.4440, -0.2189,
-23.1914

■ 219.9340, 0.0325,
-10.4661

Harmonies

Analogous

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



182.0050, -44.8655, -29.8224



151.0290, -1.4933, -128.0674



158.8190, 27.2042, -139.2843

Triad

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



151.0290, -1.4933, -128.0674



177.2670, 38.3224, -65.1322



180.0780, -28.1395, 65.7066

Complementary

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



151.0290, -1.4933, -128.0674



79.9710, 1.4933, 128.0674

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.



179.2870, 1.8305, 66.4003



151.0290, -1.4933, -128.0674



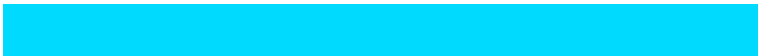
198.1840, 28.0103, 22.6406

Square

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



151.0290, -1.4933, -128.0674



157.0360, 48.2963, -137.7206



191.8660, 27.1811, 55.3685



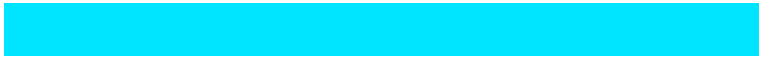
189.3950, -55.9037, 57.5356

Rectangle

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



151.0290, -1.4933, -128.0674



163.4930, 45.1130, -143.3834



191.8660, 27.1811, 55.3685



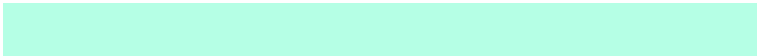
178.7220, -18.1039, 66.8958

Sweetspot

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



151.0290, -1.4933, -128.0674



229.9100, -0.4486, -42.8941



158.9460, -75.8954, -63.9736



112.7210, -0.3555, -26.0653



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.



151.0290, -1.4933, -128.0674



168.4950, -1.7230, -147.7701



142.8980, 40.9693, -120.9365



108.2550, -0.1257, -6.3626



116.3080, -1.1378, -102.0021



31.7100, -0.3500, -27.8097

Inverse Universe

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



79.9710, 1.4933, 128.0674



86.5050, 1.7230, 147.7701



88.1020, -40.9693, 120.9365



104.7450, 0.1257, 6.3626



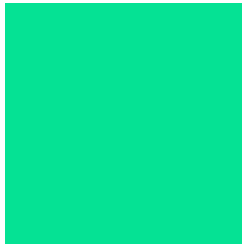
59.6920, 1.1378, 102.0021



16.2900, 0.3500, 27.8097

Previews

White Background



This preview shows how the YUV color 151.0290, -1.4933, -128.0674 looks on a white background.

Color Contrast Check

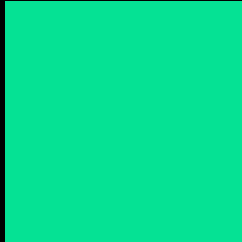
Large Text (above 18pt) WCAG AA × Fail

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 151.0290, -1.4933, -128.0674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

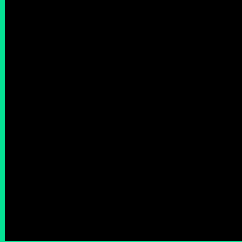
Any Text WCAG AA ✓ Pass

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 151.0290, -1.4933, -128.0674 Background



This preview shows how black text looks on a background with the YUV color 151.0290, -1.4933, -128.0674.



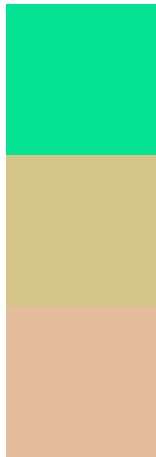
This preview shows how white text looks on a background with the YUV color 151.0290, -1.4933, -128.0674.

-128.0674.

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

151.0290, -1.4933, -128.0674

Protanopia

193.8300, -29.0032, 15.9351

Deuteranopia

197.1980, -20.3106, 27.8904



Tritanopia

176.9750, 27.6203, -85.9241

Trichromacy



Original Color

151.0290, -1.4933, -128.0674



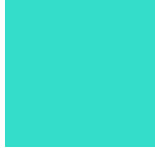
Protanomaly

178.4320, -18.9470, -36.3359



Deuteranomaly

180.2680, -13.4431, -28.2990



Tritanomaly

167.7160, 16.9020, -101.4829

Monochromacy



Original Color

151.0290, -1.4933, -128.0674



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

150.8880, -0.4378, -46.3828

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.0290, -1.4933, -128.0674 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(5, 226, 148)` looks like.

```
.text, #text, p{  
    color:rgb(5, 226, 148)  
}
```

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(5, 226, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 226, 148) }
```

Border

The CSS property to change the border of an element to YUV 151.0290, -1.4933, -128.0674 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(5, 226, 148) }
```


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

```
.border{ border-color:rgb(5, 226, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 226, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 226, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 226, 148);  
box-shadow:4px 4px 4px 4px rgb(5, 226,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 151.0290, -1.4933, -128.0674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 226, 148) }
```

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

```
.background{ background-color: rgb(5, 226,  
148) }
```

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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