

Converting Colors

YUV(171.1880, -6.0087,
-126.4529)

Have a look what the booklet for
YUV(171.1880, -6.0087, -126.4529)
contains.

YUV(171.1880, -6.0087, -126.4529)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(171.1880, -6.0087,
-126.4529)**

Conversions

Conversions Part 1

Format	Color
Hex	1BF79F
RGB	27, 247, 159
RGB Percent	11%, 97%, 62%
CMY	0.8941, 0.0314, 0.3765
CMYK	0.89, 0.00, 0.36, 0.03
HSL	156°, 93%, 54%
HSV	156°, 89%, 97%
XYZ	39.9708, 69.2577, 44.0623
YIQ	171.1880, -102.8720, -74.0080

Conversions

Conversions Part 2

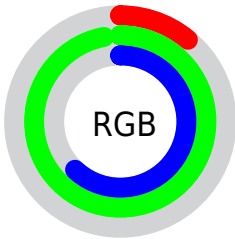
Format	Color
R _Y B	27, 165, 247
Decimal	1832863
CIE Lab	86.63, -67.77, 29.02
CIE LCh	87, 73.725, 156.822
Yxy	69.2577, 0.2608, 0.4518
Android (android.graphics.Color)	4280022943 (0xFF1BF79F)
YUV	171.1880, -6.0087, -126.4529
Hunter-Lab	83.2212, -59.9045, 26.8632

Details

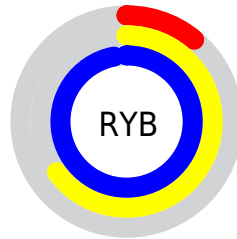
The YUV color **171.1880, -6.0087, -126.4529** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **102.8120, 6.0087, 126.4529**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.6620, 2.1386, -79.5106**, and **123.1410, -7.9575, -107.9947** is the 20% darker color. If you saturate the color by 10%, you get **162.5730, -6.6915, -140.8225**, and if you desaturate by 10%, it is **179.8030, -5.3259, -112.0832**.

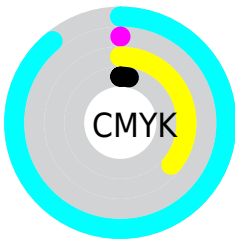
Distribution



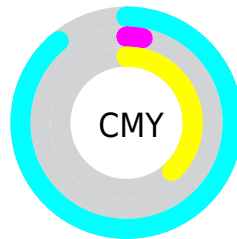
- Red (11%)
- Green (97%)
- Blue (62%)



- Red (11%)
- Yellow (65%)
- Blue (97%)



- Cyan (89%)
- Magenta (0%)
- Yellow (36%)
- Black (3%)



- Cyan (89%)
- Magenta (3%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.1880, -6.0087, -126.4529 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 171.1880, -6.0087, -126.4529 by changing the saturation by 10% instead.

171.1880, -6.0087,
-126.4529

171.1880, -6.0087,
-126.4529

255.0000, 0.0000,
0.0000

143.1280, -4.9931,
-125.5233

209.6620, 2.1386,
-79.5106

123.1410, -7.9575,
-107.9947

222.8350, 9.9413,
-62.1223

103.8550,
-10.7745, -91.0808

234.0700, 10.3185,
-43.0344

85.2700, -13.4441,
-74.7818

243.6380, 5.6015,
-23.3615

66.7990, -15.6769,
-58.5827

252.9070, 1.0318,
-4.3034

48.8010, -18.6359,
-42.7985

33.4590, -16.4953,

-29.3435

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 171.1880, -6.0087,
-126.4529

■ 171.1880, -6.0087,
-126.4529

■ 162.5730, -6.6915,
-140.8225

■ 179.8030, -5.3259,
-112.0832


■ 161.8610, -6.8335,
-141.9521


■ 188.1190, -4.4957,
-98.3284


■ 196.7340, -3.8129,
-83.9587


■ 205.3490, -3.1301,
-69.5891

 213.5510, -2.7366,
-55.7342

 222.1660, -2.0538,
-41.3646

 230.7810, -1.3710,
-26.9949

 239.3960, -0.6882,
-12.6253

 247.7120, 0.1420,
1.1296

Harmonies

Analogous

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



199.9250, -50.2490, -29.7522



171.1880, -6.0087, -126.4529



173.6710, 28.2632, -152.3095

Triad

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



171.1880, -6.0087, -126.4529



188.4200, 32.8239, -74.9133



189.3050, -25.7864, 57.6145

Complementary

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



171.1880, -6.0087, -126.4529



102.8120, 6.0087, 126.4529

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.



189.3120, 7.2412, 57.6084



171.1880, -6.0087, -126.4529



213.8330, 20.2953, 23.8255

Square

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



171.1880, -6.0087, -126.4529



169.3630, 42.2190, -148.5314



201.5830, 26.3346, 46.8467



199.2260, -56.3134, 48.9138

Rectangle

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



171.1880, -6.0087, -126.4529



175.8200, 39.0357, -154.1941



201.5830, 26.3346, 46.8467



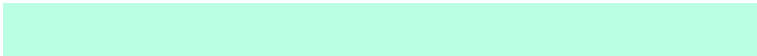
187.5900, -14.5879, 59.1186

Sweetspot

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



171.1880, -6.0087, -126.4529



231.1770, -2.0593, -39.6202



182.4520, -76.6378, -59.1554



113.8030, -1.3819, -23.5062



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.



171.1880, -6.0087, -126.4529



167.1270, -6.9646, -146.5704



168.3060, 38.7961, -123.9254



117.9560, 0.0217, -6.9774



121.9500, -4.9053, -106.9501



38.6230, -1.7861, -33.8724

Inverse Universe

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



102.8120, 6.0087, 126.4529



87.8730, 6.9646, 146.5704



105.6940, -38.7961, 123.9254



114.1580, 0.4151, 6.8774



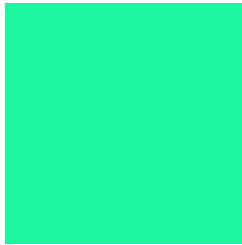
64.0500, 4.9054, 106.9502



20.2630, 1.3493, 33.9723

Previews

White Background



This preview shows how the YUV color 171.1880, -6.0087, -126.4529 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 171.1880, -6.0087, -126.4529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

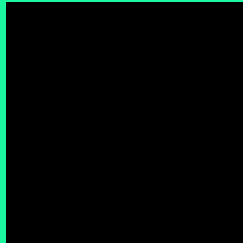
Any Text WCAG AA ✓ Pass

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 171.1880, -6.0087, -126.4529 Background



This preview shows how black text looks on a background with the YUV color 171.1880, -6.0087, -126.4529.



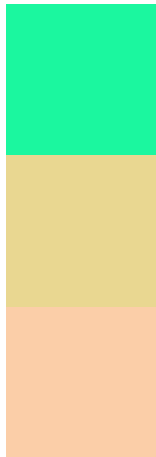
This preview shows how white text looks on a background with the YUV color 171.1880, -6.0087, -126.4529.

-126.4529.

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

171.1880, -6.0087, -126.4529

Protanopia

212.4020, -33.2292, 18.0644

Deuteranopia

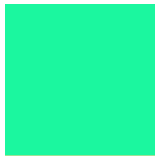
215.1230, -23.2316, 31.4641



Tritanopia

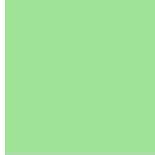
193.8110, 29.6732, -91.0422

Trichromacy



Original Color

171.1880, -6.0087, -126.4529



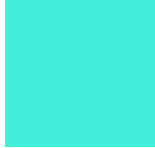
Protanomaly

197.5910, -23.4624, -34.7213



Deuteranomaly

199.3670, -16.9429, -25.7549



Tritanomaly

185.2920, 16.6180, -103.7421

Monochromacy



Original Color

171.1880, -6.0087, -126.4529



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

171.4320, -2.1850, -45.9829

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.1880, -6.0087, -126.4529 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(27, 247, 159)` looks like.

```
.text, #text, p{  
    color:rgb(27, 247, 159)  
}
```

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(27, 247, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 247, 159) }
```

Border

The CSS property to change the border of an element to YUV 171.1880, -6.0087, -126.4529 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(27, 247, 159) }
```


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

```
.border{ border-color:rgb(27, 247, 159) }
```

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

Here you see how a box with a 4 pixel rgb(27, 247, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 247, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 247, 159);  
box-shadow:4px 4px 4px 4px rgb(27, 247,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 171.1880, -6.0087, -126.4529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 247, 159) }
```

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

```
.background{ background-color: rgb(27, 247,  
159) }
```

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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