

Converting Colors

YUV(178.7560, 2.5853,
-129.5820)

Have a look what the booklet for
YUV(178.7560, 2.5853, -129.5820)
contains.

YUV(178.7560, 2.5853, -129.5820)	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(178.7560, 2.5853,
-129.5820)**

Conversions

Conversions Part 1

Format	Color
Hex	1FFDB8
RGB	31, 253, 184
RGB Percent	12%, 99%, 72%
CMY	0.8784, 0.0078, 0.2784
CMYK	0.88, 0.00, 0.27, 0.01
HSL	161°, 98%, 56%
HSV	161°, 88%, 99%
XYZ	44.3421, 74.0026, 57.2943
YIQ	178.7560, -110.1630, -68.5230

Conversions

Conversions Part 2

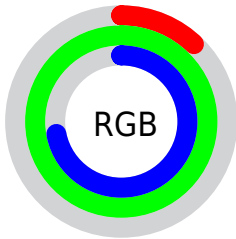
Format	Color
RYB	31, 162, 253
Decimal	2096568
CIELab	88.92, -64.47, 19.44
CIELCh	89, 67.334, 163.222
Yxy	74.0026, 0.2525, 0.4213
Android (android.graphics.Color)	4280286648 (0xFF1FFDB8)
YUV	178.7560, 2.5853, -129.5820
Hunter-Lab	86.0247, -58.5342, 20.7290

Details

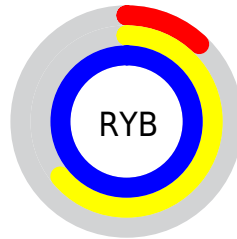
The YUV color **178.7560, 2.5853, -129.5820** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **105.2440, -2.5853, 129.5820**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5230, 13.0532, -80.2657**, and **129.3990, 0.7893, -113.4829** is the 20% darker color. If you saturate the color by 10%, you get **170.3690, 2.7761, -144.1516**, and if you desaturate by 10%, it is **187.1430, 2.3945, -115.0124**.

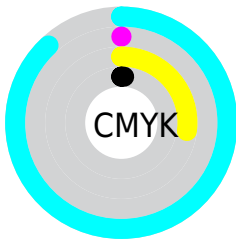
Distribution



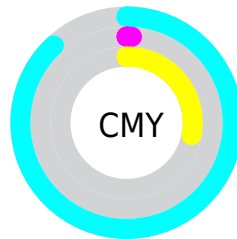
- Red (12%)
- Green (99%)
- Blue (72%)



- Red (12%)
- Yellow (64%)
- Blue (99%)



- Cyan (88%)
- Magenta (0%)
- Yellow (27%)
- Black (1%)



- Cyan (88%)
- Magenta (1%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.7560, 2.5853, -129.5820 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 178.7560, 2.5853, -129.5820 by changing the saturation by 10% instead.

 178.7560, 2.5853,
-129.5820


 178.7560, 2.5853,
-129.5820


255.0000, 0.0000,
0.0000


 149.3860, 3.7537,
-131.0115


 213.5230, 13.0532,
-80.2657


 129.3990, 0.7893,
-113.4829


 225.3990, 14.5933,
-60.8629


 109.9990, -2.4645,
-96.4691


 234.9670, 9.8763,
-41.1901

 90.8270, -4.8447,
-79.6553

 244.5350, 5.1592,
-21.5172

 72.9430, -7.3669,
-63.9710

 254.1030, 0.4422,
-1.8443

 54.4720, -9.5997,
-47.7719

 37.9900, -11.8271,

-33.3172

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 178.7560, 2.5853,
-129.5820

■ 178.7560, 2.5853,
-129.5820

■ 170.3690, 2.7761,
-144.1516


■ 187.1430, 2.3945,
-115.0124

■ 168.3470, 2.7869,
-147.6403

■ 195.8290, 2.0563,
-99.8280

■ 204.2160, 1.8655,
-85.2584

■ 212.4890, 1.2379,
-70.5889

 221.1750, 0.8997,
-55.4045

 229.5620, 0.7089,
-40.8349

 237.9490, 0.5181,
-26.2653

 246.3360, 0.3274,
-11.6957

253.8260, 0.5788,
1.0296

Harmonies

Analogous

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



205.7310, -39.3074, -39.2291



178.7560, 2.5853, -129.5820



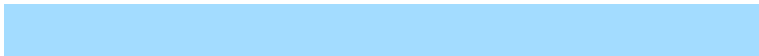
178.2990, 35.8416, -156.3682

Triad

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



178.7560, 2.5853, -129.5820



206.9470, 23.6901, -38.5415



199.3980, -30.2692, 48.7630

Complementary

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



178.7560, 2.5853, -129.5820



105.2440, -2.5853, 129.5820

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.



197.3190, -0.1573, 50.5862



178.7560, 2.5853, -129.5820



219.7800, 17.3635, 30.8879

Square

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



178.7560, 2.5853, -129.5820



169.9500, 41.9297, -149.0461



206.8660, 23.7301, 42.2135



208.8120, -55.1233, 40.5069

Rectangle

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



178.7560, 2.5853, -129.5820



178.1680, 37.8782, -156.2533



206.8660, 23.7301, 42.2135



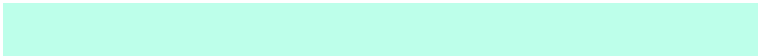
197.3410, -20.3811, 50.5669

Sweetspot

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



178.7560, 2.5853, -129.5820



232.8720, 0.5561, -38.4757



182.2440, -74.5633, -71.2510



114.5580, 0.2179, -23.2914



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.



178.7560, 2.5853, -129.5820



169.7490, 3.0817, -148.8699



162.5550, 44.5894, -115.3737



123.6570, 0.1691, -7.5922



127.1650, 2.3837, -111.5237



42.5840, 0.6981, -37.3462

Inverse Universe

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



105.2440, -2.5853, 129.5820



85.2510, -3.0817, 148.8699



121.4450, -44.5894, 115.3737



119.3430, -0.1691, 7.5922



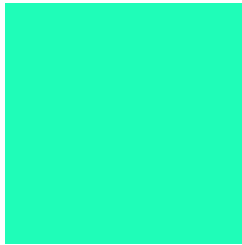
63.8350, -2.3837, 111.5237



21.4160, -0.6981, 37.3462

Previews

White Background



This preview shows how the YUV color 178.7560, 2.5853, -129.5820 looks on a white background.

Color Contrast Check

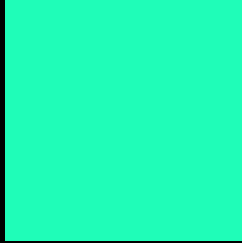
Large Text (above 18pt) WCAG AA × Fail

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 178.7560, 2.5853, -129.5820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

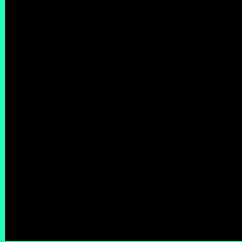
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.7560, 2.5853, -129.5820

Background



This preview shows how black text looks on a background with the YUV color 178.7560, 2.5853, -129.5820.



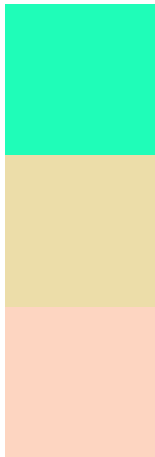
This preview shows how white text looks on a background with the YUV color 178.7560, 2.5853,

-129.5820.

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

178.7560, 2.5853, -129.5820

Protanopia

219.5570, -24.9246, 14.4205

Deuteranopia

222.6800, -14.6322, 26.5906



Tritanopia

207.6350, 23.3509, -69.8399

Trichromacy



Original Color

178.7560, 2.5853, -129.5820



Protanomaly

204.7460, -15.1578, -38.3652



Deuteranomaly

206.9240, -8.3435, -30.6283



Tritanomaly

197.1410, 15.7065, -91.3317

Monochromacy



Original Color

178.7560, 2.5853, -129.5820



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

178.9310, 1.0200, -47.2975

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.7560, 2.5853, -129.5820 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(31, 253, 184)` looks like.

```
.text, #text, p{  
    color:rgb(31, 253, 184)  
}
```

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(31, 253, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 253, 184) }
```

Border

The CSS property to change the border of an element to YUV 178.7560, 2.5853, -129.5820 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(31, 253, 184) }
```


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

```
.border{ border-color:rgb(31, 253, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 253, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 253, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 253, 184);  
box-shadow:4px 4px 4px 4px rgb(31, 253,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 178.7560, 2.5853, -129.5820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 253, 184) }
```

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

```
.background{ background-color: rgb(31, 253,  
184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor