

Converting Colors

YUV(177.3380, -0.1666,
-133.6004)

Have a look what the booklet for
YUV(177.3380, -0.1666, -133.6004)
contains.

YUV(177.3380, -0.1666, -133.6004)	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(177.3380, -0.1666,
-133.6004)**

Conversions

Conversions Part 1

Format	Color
Hex	19FFB1
RGB	25, 255, 177
RGB Percent	10%, 100%, 69%
CMY	0.9020, 0.0000, 0.3059
CMYK	0.90, 0.00, 0.31, 0.00
HSL	160°, 100%, 55%
HSV	160°, 90%, 100%
XYZ	44.0967, 74.9010, 53.7282
YIQ	177.3380, -112.0420, -73.0180

Conversions

Conversions Part 2

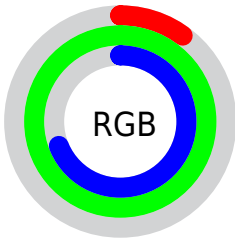
Format	Color
RYB	25, 163, 255
Decimal	1703857
CIELab	89.35, -67.01, 23.59
CIELCh	89, 71.038, 160.607
Yxy	74.9010, 0.2553, 0.4336
Android (android.graphics.Color)	4279893937 (0xFF19FFB1)
YUV	177.3380, -0.1666, -133.6004
Hunter-Lab	86.5454, -60.5048, 23.7740

Details

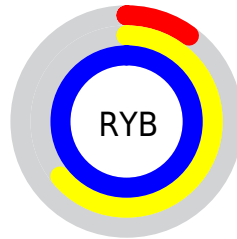
The YUV color **177.3380, -0.1666, -133.6004** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **102.6620, 0.1666, 133.6004**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1270, 10.2904, -80.7954**, and **129.7750, -2.8471, -113.8127** is the 20% darker color. If you saturate the color by 10%, you get **168.9510, 0.0242, -148.1700**, and if you desaturate by 10%, it is **185.8390, 0.0794, -119.1308**.

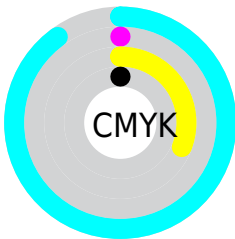
Distribution



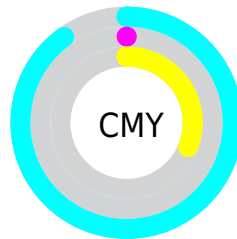
- Red (10%)
- Green (100%)
- Blue (69%)



- Red (10%)
- Yellow (64%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (90%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 177.3380, -0.1666, -133.6004 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 177.3380, -0.1666, -133.6004 by changing the saturation by 10% instead.

 177.3380, -0.1666,
-133.6004


 177.3380, -0.1666,
-133.6004


255.0000, 0.0000,
0.0000


 149.7620, 0.1173,
-131.3413


 212.1270, 10.2904,
-80.7954


 129.7750, -2.8471,
-113.8127


 224.8010, 14.8881,
-62.0925


 110.4890, -5.6641,
-96.8989


 234.6680, 10.0237,
-41.8048

 91.2030, -8.4811,
-79.9850

 244.2360, 5.3067,
-22.1320

 72.7320, -10.7139,
-63.7860

 253.8040, 0.5896,
-2.4591

 54.9620, -12.7993,
-48.2017

 37.6650, -15.6108,

-33.0322

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 177.3380, -0.1666,
-133.6004

■ 177.3380, -0.1666,
-133.6004

■ 168.9510, 0.0242,
-148.1700

■ 185.8390, 0.0794,
-119.1308

■ 194.5250, -0.2588,
-103.9464

■ 203.0260, -0.0128,
-89.4768

■ 211.8260, 0.0858,
-74.3924

■ 220.2130, -0.1050,
-59.8228

■ 229.0130, -0.0064,
-44.7384

■ 237.5140, 0.2396,
-30.2688

■ 246.2000, -0.0986,
-15.0844

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



206.6730, -44.7018, -35.6702



177.3380, -0.1666, -133.6004



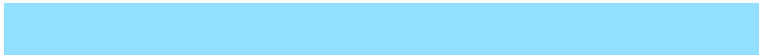
177.8430, 34.0944, -155.9683

Triad

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



177.3380, -0.1666, -133.6004



203.9130, 25.1859, -51.6667



197.1640, -28.6749, 50.7222

Complementary

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



177.3380, -0.1666, -133.6004



102.6620, 0.1666, 133.6004

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.



195.6550, 3.6211, 52.0456



177.3380, -0.1666, -133.6004



220.9540, 16.7847, 29.8583

Square

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



177.3380, -0.1666, -133.6004



172.2980, 40.7721, -151.1053



206.2790, 24.0195, 42.7283



207.1820, -56.2917, 41.9364

Rectangle

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



177.3380, -0.1666, -133.6004



178.7550, 37.5888, -156.7681



206.2790, 24.0195, 42.7283



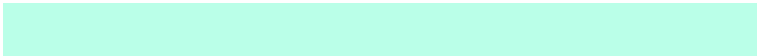
195.3350, -17.9132, 52.3262

Sweetspot

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



177.3380, -0.1666, -133.6004



231.7470, 0.1247, -40.1201



183.9300, -78.3525, -69.2216



114.1450, -0.0715, -23.8062



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.



177.3380, -0.1666, -133.6004



168.9510, 0.0242, -148.1700



165.6850, 44.0323, -123.3807



123.5430, -0.2677, -7.4922



126.4810, -0.2371, -110.9238



42.3560, -0.1755, -37.1462

Inverse Universe

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



102.6620, 0.1666, 133.6004



86.0490, -0.0242, 148.1700



114.3150, -44.0323, 123.3807



119.3430, -0.1691, 7.5922



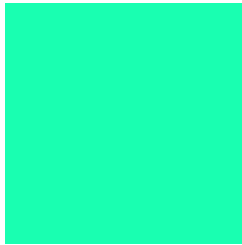
64.5190, 0.2371, 110.9238



21.6440, 0.1755, 37.1462

Previews

White Background



This preview shows how the YUV color 177.3380, -0.1666, -133.6004 looks on a white background.

Color Contrast Check

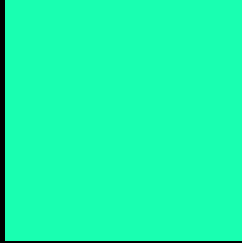
Large Text (above 18pt) WCAG AA × Fail

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 177.3380, -0.1666, -133.6004 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 177.3380, -0.1666, -133.6004 Background



This preview shows how black text looks on a background with the YUV color 177.3380, -0.1666, -133.6004.



This preview shows how white text looks on a background with the YUV color 177.3380, -0.1666, -133.6004.

-133.6004.

Color Blindness Simulation

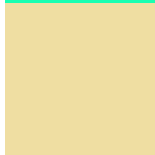
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



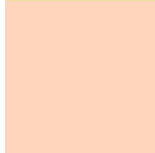
Original Color

177.3380, -0.1666, -133.6004



Protanopia

220.2430, -28.7138, 16.4499



Deuteranopia

223.2950, -17.4004, 27.8053



Tritanopia

209.7280, 22.3191, -65.5365

Trichromacy



Original Color

177.3380, -0.1666, -133.6004



Protanomaly

204.5350, -18.5048, -38.1802



Deuteranomaly

206.5280, -11.1063, -31.1581



Tritanomaly

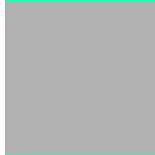
198.0980, 14.2487, -90.4169

Monochromacy



Original Color

177.3380, -0.1666, -133.6004



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

176.9910, 0.0044, -48.2271

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.3380, -0.1666, -133.6004 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(25, 255, 177)` looks like.

```
.text, #text, p{  
    color:rgb(25, 255, 177)  
}
```

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(25, 255, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 255, 177) }
```

Border

The CSS property to change the border of an element to YUV 177.3380, -0.1666, -133.6004 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(25, 255, 177) }
```


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

```
.border{ border-color:rgb(25, 255, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 255, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 255, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 255, 177);  
box-shadow:4px 4px 4px 4px rgb(25, 255,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 177.3380, -0.1666, -133.6004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 255, 177) }
```

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

```
.background{ background-color: rgb(25, 255,  
177) }
```

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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