

Converting Colors

YUV(177.1210, -1.0457,
-131.6561)

Have a look what the booklet for
YUV(177.1210, -1.0457, -131.6561)
contains.

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Color

**YUV(177.1210, -1.0457,
-131.6561)**

Conversions

Conversions Part 1

Format	Color
Hex	1BFEAF
RGB	27, 254, 175
RGB Percent	11%, 100%, 69%
CMY	0.8941, 0.0039, 0.3137
CMYK	0.89, 0.00, 0.31, 0.00
HSL	159°, 99%, 55%
HSV	159°, 89%, 100%
XYZ	43.6317, 74.2118, 52.5821
YIQ	177.1210, -109.9330, -72.6930

Conversions

Conversions Part 2

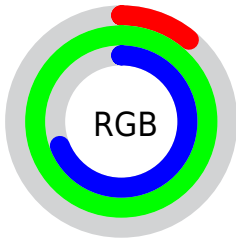
Format	Color
RYB	27, 164, 254
Decimal	1834671
CIELab	89.02, -66.98, 24.16
CIELCh	89, 71.201, 160.163
Yxy	74.2118, 0.2560, 0.4354
Android (android.graphics.Color)	4280024751 (0xFF1BFEAF)
YUV	177.1210, -1.0457, -131.6561
Hunter-Lab	86.1463, -60.3486, 24.1128

Details

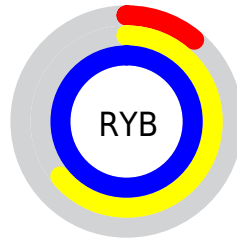
The YUV color **177.1210, -1.0457, -131.6561** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **103.8790, 1.0457, 131.6561**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.8990, 9.4168, -80.5954**, and **128.9600, -3.4313, -113.0979** is the 20% darker color. If you saturate the color by 10%, you get **168.6200, -1.2917, -146.1257**, and if you desaturate by 10%, it is **185.6220, -0.7996, -117.1865**.

Distribution



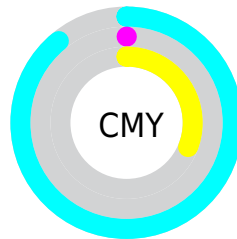
- Red (11%)
- Green (100%)
- Blue (69%)



- Red (11%)
- Yellow (64%)
- Blue (100%)



- Cyan (89%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (89%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.1210, -1.0457, -131.6561 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 177.1210, -1.0457, -131.6561 by changing the saturation by 10% instead.

177.1210, -1.0457,
-131.6561

177.1210, -1.0457,
-131.6561

255.0000, 0.0000,
0.0000

148.9470, -0.4669,
-130.6265

211.8990, 9.4168,
-80.5954

128.9600, -3.4313,
-113.0979

225.1000, 14.7407,
-61.4777

109.6740, -6.2483,
-96.1841

234.6680, 10.0237,
-41.8048

90.5020, -8.6285,
-79.3703

244.2360, 5.3067,
-22.1320

71.9170, -11.2981,
-63.0712

253.8040, 0.5896,
-2.4591

54.1470, -13.3835,
-47.4869

36.7360, -16.6318,

-32.2175

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 177.1210, -1.0457,
-131.6561

■ 177.1210, -1.0457,
-131.6561

■ 168.6200, -1.2917,
-146.1257

■ 185.6220, -0.7996,
-117.1865

■ 168.0220, -0.9968,
-147.3553

■ 194.4220, -0.7010,
-102.1021

■ 202.9230, -0.4550,
-87.6325

■ 211.6090, -0.7932,
-72.4481

■ 220.1100, -0.5472,
-57.9785

■ 228.6110, -0.3012,
-43.5088

■ 237.4110, -0.2026,
-28.4244

■ 245.9120, 0.0434,
-13.9548

254.4130, 0.2894,
0.5148

Harmonies

Analogous

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



205.8580, -45.2860, -34.9555



177.1210, -1.0457, -131.6561



177.6150, 33.2208, -155.7684

Triad

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



177.1210, -1.0457, -131.6561



202.1300, 26.0649, -53.6110



196.5770, -28.3855, 51.2370

Complementary

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



177.1210, -1.0457, -131.6561



103.8790, 1.0457, 131.6561

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.



195.0680, 3.9105, 52.5604



177.1210, -1.0457, -131.6561



220.3670, 17.0741, 30.3731

Square

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



177.1210, -1.0457, -131.6561



171.7110, 41.0615, -150.5905



205.6920, 24.3088, 43.2431



206.4810, -56.4391, 42.5512

Rectangle

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



177.1210, -1.0457, -131.6561



178.7550, 37.5888, -156.7681



205.6920, 24.3088, 43.2431



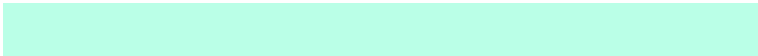
194.7480, -17.6238, 52.8410

Sweetspot

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



177.1210, -1.0457, -131.6561



231.6330, -0.3121, -40.0201



183.8700, -77.3369, -68.2920



114.0310, -0.5083, -23.7062



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.



177.1210, -1.0457, -131.6561



168.6090, -1.2862, -147.8701



166.1690, 43.3007, -122.0512



123.5430, -0.2677, -7.4922



126.3670, -0.6739, -110.8239



42.3560, -0.1755, -37.1462

Inverse Universe

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



103.8790, 1.0457, 131.6561



86.3910, 1.2862, 147.8701



114.8310, -43.3007, 122.0512



119.3430, -0.1691, 7.5922



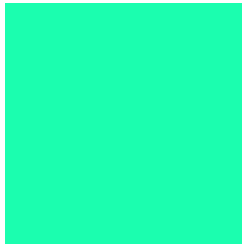
64.7470, 1.1107, 110.7239



21.6440, 0.1755, 37.1462

Previews

White Background



This preview shows how the YUV color 177.1210, -1.0457, -131.6561 looks on a white background.

Color Contrast Check

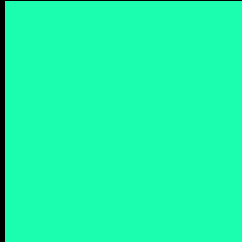
Large Text (above 18pt) WCAG AA × Fail

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 177.1210, -1.0457, -131.6561 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 177.1210, -1.0457, -131.6561 Background



This preview shows how black text looks on a background with the YUV color 177.1210, -1.0457, -131.6561.



This preview shows how white text looks on a background with the YUV color 177.1210, -1.0457, -131.6561.

-131.6561.

Color Blindness Simulation

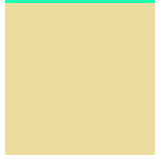
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



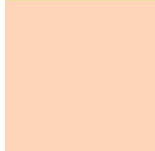
Original Color

177.1210, -1.0457, -131.6561



Protanopia

219.1290, -29.1506, 16.5499



Deuteranopia

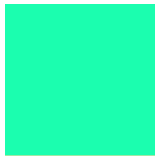
222.3660, -18.4214, 28.6200



Tritanopia

208.2330, 23.0561, -68.6103

Trichromacy



Original Color

177.1210, -1.0457, -131.6561



Protanomaly

203.7200, -19.0890, -37.4654



Deuteranomaly

205.8980, -12.2747, -29.7285



Tritanomaly

196.7990, 14.3961, -91.0317

Monochromacy



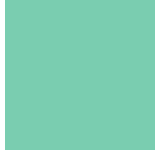
Original Color

177.1210, -1.0457, -131.6561



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

176.8770, -0.4324, -48.1271

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.1210, -1.0457, -131.6561 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, 254, 175)` looks like.

```
.text, #text, p{  
    color:rgb(27, 254, 175)  
}
```

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, 254, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 254, 175) }
```

Border

The CSS property to change the border of an element to YUV 177.1210, -1.0457, -131.6561 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, 254, 175) }
```


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

```
.border{ border-color:rgb(27, 254, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 254, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 254, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 254, 175);  
box-shadow:4px 4px 4px 4px rgb(27, 254,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 177.1210, -1.0457, -131.6561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 254, 175) }
```

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

```
.background{ background-color: rgb(27, 254,  
175) }
```

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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