

Converting Colors

YUV(172.5130, -18.9869,
-117.0909)

Have a look what the booklet for
YUV(172.5130, -18.9869, -117.0909)
contains.

YUV(172.5130, -18.9869, -117.0909)	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(172.5130, -18.9869,
-117.0909)**

Conversions

Conversions Part 1

Format	Color
Hex	27F886
RGB	39, 248, 134
RGB Percent	15%, 97%, 53%
CMY	0.8471, 0.0275, 0.4745
CMYK	0.84, 0.00, 0.46, 0.03
HSL	147°, 94%, 56%
HSV	147°, 84%, 97%
XYZ	38.7072, 69.2874, 33.8880
YIQ	172.5130, -87.9700, -79.7620

Conversions

Conversions Part 2

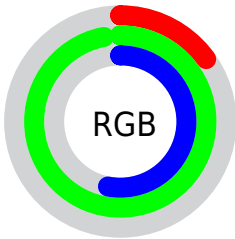
Format	Color
R_{YB}	39, 183, 248
Decimal	2619526
CIE _{Lab}	86.65, -71.83, 41.44
CIE _{LCh}	87, 82.923, 150.018
Yxy	69.2874, 0.2728, 0.4883
Android (android.graphics.Color)	4280809606 (0xFF27F886)
YUV	172.5130, -18.9869, -117.0909
Hunter-Lab	83.2390, -62.6636, 34.1294

Details

The YUV color **172.5130, -18.9869, -117.0909** 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 **114.4870, 18.9869, 117.0909**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0080, -9.3709, -74.5520**, and **120.8780, -19.1669, -106.0100** is the 20% darker color. If you saturate the color by 10%, you get **163.4420, -21.4169, -131.0606**, and if you desaturate by 10%, it is **181.5840, -16.5569, -103.1212**.

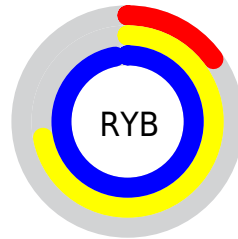
Distribution



Red (15%)

Green (97%)

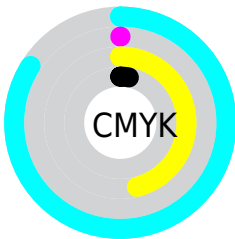
Blue (53%)



Red (15%)

Yellow (72%)

Blue (97%)

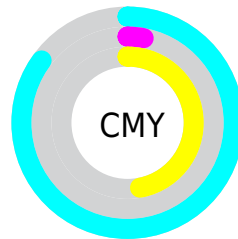


Cyan (84%)

Magenta (0%)

Yellow (46%)

Black (3%)



Cyan (85%)

Magenta (3%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.5130, -18.9869, -117.0909 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 172.5130, -18.9869, -117.0909 by changing the saturation by 10% instead.

172.5130,
-18.9869, -117.0909

172.5130,
-18.9869, -117.0909

255.0000, 0.0000,
0.0000

140.8650,
-16.2024, -123.5386

208.0080, -9.3709,
-74.5520

120.8780,
-19.1669, -106.0100

221.0670, -2.0050,
-57.0638

101.5920,
-21.9839, -89.0962

234.2400, 5.7977,
-39.6755

82.1920, -25.2377,
-72.0824

244.5350, 5.1592,
-21.5172

63.3960, -31.2542,
-55.5983

254.1030, 0.4422,
-1.8443

47.5470, -23.4407,
-41.6987

34.0460, -16.7847,

-29.8583

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 172.5130,
-18.9869, -117.0909

■ 172.5130,
-18.9869, -117.0909

■ 163.4420,
-21.4169, -131.0606


■ 181.5840,
-16.5569, -103.1212

■ 158.4580,
-22.4108, -138.9677

■ 190.5410,
-14.5637, -89.0515


■ 199.3130,
-11.9863, -75.6965


■ 208.2700, -9.9931,
-61.6268

 217.3410, -7.5631,
-47.6571

 226.2980, -5.5699,
-33.5873

 235.3690, -3.1399,
-19.6176

 244.0270, -0.9993,
-6.1627

 250.8910, 2.0257,
3.6036

Harmonies

Analogous

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



198.5770, -65.8535, -18.0460



172.5130, -18.9869, -117.0909



173.6080, 20.4063, -152.2542

Triad

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



172.5130, -18.9869, -117.0909



161.7320, 45.9811, -141.8390



181.7710, -19.1141, 64.2218

Complementary

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



172.5130, -18.9869, -117.0909



114.4870, 18.9869, 117.0909

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.



183.5050, 17.9920, 62.7011



172.5130, -18.9869, -117.0909



208.4070, 22.9703, 5.7821

Square

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



172.5130, -18.9869, -117.0909



172.8850, 40.4827, -151.6201



199.8220, 27.2028, 48.3911



192.4440, -56.9139, 54.8616

Rectangle

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



172.5130, -18.9869, -117.0909



178.1680, 37.8782, -156.2533



199.8220, 27.2028, 48.3911



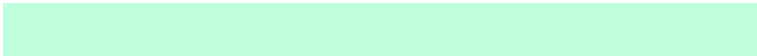
179.9250, -5.8790, 65.8408

Sweetspot

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



172.5130, -18.9869, -117.0909



231.8740, -5.8539, -35.8465



196.0680, -77.4345, -36.8936



113.9450, -3.4239, -21.8768



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.



172.5130, -18.9869, -117.0909



162.9090, -23.1261, -142.8712



184.3690, 26.4401, -127.4886



120.3150, -1.1413, -7.2923



120.7470, -17.1303, -105.8951



38.9990, -5.4225, -34.2021

Inverse Universe

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



114.4870, 18.9869, 117.0909



92.0910, 23.1261, 142.8712



102.6310, -26.4401, 127.4886



116.6850, 1.1413, 7.2923



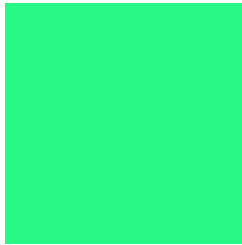
68.2530, 17.1303, 105.8951



22.0010, 5.4225, 34.2021

Previews

White Background



This preview shows how the YUV color 172.5130, -18.9869, -117.0909 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 172.5130, -18.9869, -117.0909 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 172.5130, -18.9869, -117.0909 Background



This preview shows how black text looks on a background with the YUV color 172.5130, -18.9869, -117.0909.

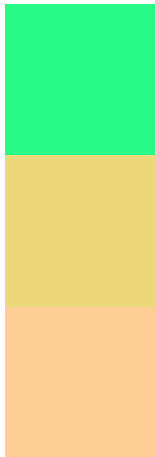


This preview shows how white text looks on a background with the YUV color 172.5130, -18.9869, -117.0909.

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

172.5130, -18.9869, -117.0909

Protanopia

210.6770, -43.7178, 22.2083

Deuteranopia

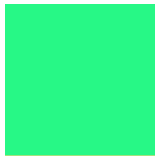
214.1530, -32.1204, 35.8228



Tritanopia

195.8010, 28.1991, -84.8945

Trichromacy



Original Color

172.5130, -18.9869, -117.0909



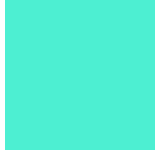
Protanomaly

196.6490, -34.8300, -28.6332



Deuteranomaly

198.7670, -27.0001, -19.9667



Tritanomaly

187.2560, 11.2128, -96.6945

Monochromacy



Original Color

172.5130, -18.9869, -117.0909



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.6020, -6.7058, -42.6240

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5130, -18.9869, -117.0909 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(39, 248, 134)` looks like.

```
.text, #text, p{  
    color:rgb(39, 248, 134)  
}
```

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(39, 248, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 248, 134) }
```

Border

The CSS property to change the border of an element to YUV 172.5130, -18.9869, -117.0909 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(39, 248, 134) }
```


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

```
.border{ border-color:rgb(39, 248, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 248, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 248, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 248, 134);  
box-shadow:4px 4px 4px 4px rgb(39, 248,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 172.5130, -18.9869, -117.0909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 248, 134) }
```

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

```
.background{ background-color: rgb(39, 248,  
134) }
```

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