

# Converting Colors

YUV(171.7240, -19.0909,  
-130.4309)

Have a look what the booklet for  
YUV(171.7240, -19.0909, -130.4309)  
contains.

<b>YUV(171.7240, -19.0909, -130.4309)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(171.7240, -19.0909,  
-130.4309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	17FF85
RGB	23, 255, 133
RGB Percent	9%, 100%, 52%
CMY	0.9098, 0.0000, 0.4784
CMYK	0.91, 0.00, 0.48, 0.00
HSL	148°, 100%, 55%
HSV	148°, 91%, 100%
XYZ	40.3470, 73.3956, 34.2306
YIQ	171.7240, -99.1100, -87.1260

# Conversions

## Conversions Part 2

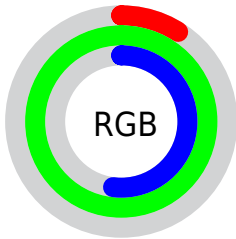
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 180, 255
Decimal	1572741
CIE Lab	88.64, -75.24, 44.41
CIE LCh	89, 87.373, 149.447
Yxy	73.3956, 0.2727, 0.4960
Android (android.graphics.Color)	4279762821 (0xFF17FF85)
YUV	171.7240, -19.0909, -130.4309
Hunter-Lab	85.6712, -65.8599, 36.2801

# Details

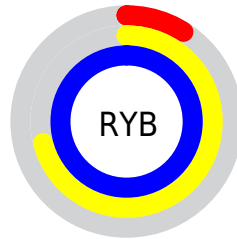
The YUV color **171.7240, -19.0909, -130.4309** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **106.2760, 19.0909, 130.4309**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.9970, -9.3655, -76.2964**, and **124.8730, -21.6294, -109.5136** is the 20% darker color. If you saturate the color by 10%, you get **163.4790, -20.9421, -143.3711**, and if you desaturate by 10%, it is **180.9800, -17.2451, -115.7465**.

# Distribution



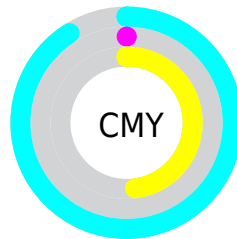
- Red (9%)
- Green (100%)
- Blue (52%)



- Red (9%)
- Yellow (71%)
- Blue (100%)



- Cyan (91%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (91%)
- Magenta (0%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 171.7240, -19.0909, -130.4309 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 171.7240, -19.0909, -130.4309 by changing the saturation by 10% instead.



171.7240,  
-19.0909, -130.4309

171.7240,  
-19.0909, -130.4309

255.0000, 0.0000,  
0.0000

144.8600,  
-18.6650, -127.0422

206.9970, -9.3655,  
-76.2964

124.8730,  
-21.6294, -109.5136

220.3550, -2.1470,  
-58.1933

104.8860,  
-24.5938, -91.9850

233.5280, 5.6557,  
-40.8051

85.3720, -28.2844,  
-74.8712

244.2360, 5.3067,  
-22.1320

66.3310, -32.7012,  
-58.1723

253.8040, 0.5896,  
-2.4591

51.0690, -25.1770,  
-44.7875

36.3940, -17.9422,

-31.9175

■ 21.1320, -10.4181,  
-18.5328

■ 0.0000, 0.0000,  
0.0000

■ 171.7240,  
-19.0909, -130.4309

■ 171.7240,  
-19.0909, -130.4309

■ 163.4790,  
-20.9421, -143.3711

■ 180.9800,  
-17.2451, -115.7465

■ 190.0510,  
-14.8151, -101.7767

■ 199.0080,  
-12.8219, -87.7070

■ 208.3780,  
-10.5394, -73.1225

■ 217.3350, -8.5462,  
-59.0528

■ 226.5910, -6.7004,  
-44.3683

■ 235.9610, -4.4178,  
-29.7838

■ 244.9180, -2.4246,  
-15.7141

■ 253.9890, 0.0054,  
-1.7444

# Harmonies

## Analogous

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



202.4970, -71.2370, -17.9759



171.7240, -19.0909, -130.4309



174.5370, 21.4273, -153.0689

# Triad

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



171.7240, -19.0909, -130.4309



165.8410, 43.9554, -145.4426



182.1130, -17.8037, 63.9219

# Complementary

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



171.7240, -19.0909, -130.4309



106.2760, 19.0909, 130.4309

# 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.



184.4170, 21.4864, 61.9013



171.7240, -19.0909, -130.4309



211.9400, 21.2286, 4.4376

# Square

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



171.7240, -19.0909, -130.4309



176.9940, 38.4570, -155.2237



200.9960, 26.6240, 47.3615



193.2760, -58.8031, 54.1319



# Rectangle

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



171.7240, -19.0909, -130.4309



178.7550, 37.5888, -156.7681



200.9960, 26.6240, 47.3615



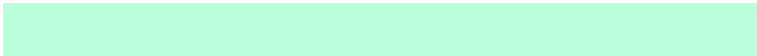
180.3810, -4.1318, 65.4409

# Sweetspot

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



171.7240, -19.0909, -130.4309



230.2650, -5.5536, -38.8204



196.2600, -85.4172, -43.2010



113.2330, -3.5659, -23.0063



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.



171.7240, -19.0909, -130.4309



163.4790, -20.9421, -143.3711



184.7200, 30.7040, -141.8284



123.3150, -1.1413, -7.2923



122.4910, -15.5251, -107.4246



40.9880, -5.4171, -35.9465



# Inverse Universe

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



106.2760, 19.0909, 130.4309



91.5210, 20.9421, 143.3711



93.2800, -30.7040, 141.8284



119.5710, 0.7045, 7.3922



68.6230, 15.9619, 107.3246

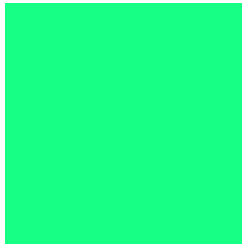


23.0120, 5.4171, 35.9465



# Previews

## White Background



This preview shows how the YUV color 171.7240, -19.0909, -130.4309 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 171.7240, -19.0909, -130.4309 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

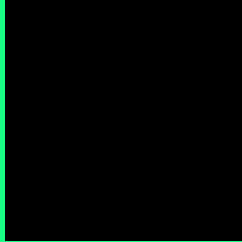
Any Text WCAG AA ✓ Pass

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 171.7240, -19.0909, -130.4309 Background



This preview shows how black text looks on a background with the YUV color 171.7240, -19.0909, -130.4309.



This preview shows how white text looks on a background with the YUV color 171.7240, -19.0909, -130.4309.

-130.4309.

# Color Blindness Simulation

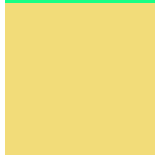
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

171.7240, -19.0909, -130.4309



### Protanopia

215.2920, -46.4860, 23.4229



### Deuteranopia

220.2000, -26.7206, 30.5196



## Tritanopia

206.1510, 24.0826, -71.1694

# Trichromacy



## Original Color

171.7240, -19.0909, -130.4309



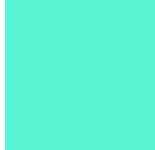
## Protanomaly

199.4590, -36.7083, -32.8515



## Deuteranomaly

202.5210, -23.9209, -27.6439



## Tritanomaly

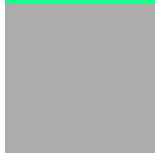
193.5940, 8.5812, -92.6059

# Monochromacy



## Original Color

171.7240, -19.0909, -130.4309



## Achromatopsia

172.0000, 0.0000, 0.0000



## Achromatomaly

171.8680, -6.8369, -47.2422

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 171.7240, -19.0909, -130.4309 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(23, 255, 133)` looks like.

```
.text, #text, p{  
    color:rgb(23, 255, 133)  
}
```

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(23, 255, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 255, 133) }
```

## Border

The CSS property to change the border of an element to YUV 171.7240, -19.0909, -130.4309 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(23, 255, 133) }
```



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

```
.border{ border-color:rgb(23, 255, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 255, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 255, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 255, 133);  
box-shadow:4px 4px 4px 4px rgb(23, 255,  
133) }
```

# Background

The CSS property to change the background color of an element to YUV 171.7240, -19.0909, -130.4309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 255, 133) }
```

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

```
.background{ background-color: rgb(23, 255,  
133) }
```

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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