

# Converting Colors

YUV(171.1700, -2.0558,  
-134.3301)

Have a look what the booklet for  
YUV(171.1700, -2.0558, -134.3301)  
contains.

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# Color

**YUV(171.1700, -2.0558,  
-134.3301)**

# Conversions

## Conversions Part 1

Format	Color
Hex	12FAA7
RGB	18, 250, 167
RGB Percent	7%, 98%, 65%
CMY	0.9294, 0.0196, 0.3451
CMYK	0.93, 0.00, 0.33, 0.02
HSL	159°, 96%, 53%
HSV	159°, 93%, 98%
XYZ	41.4101, 71.2898, 48.1370
YIQ	171.1700, -111.6290, -74.9970

# Conversions

## Conversions Part 2

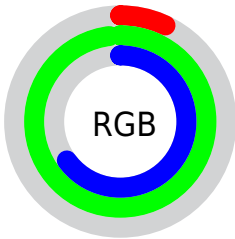
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 159, 250
Decimal	1243815
CIELab	87.63, -67.62, 26.31
CIELCh	88, 72.552, 158.742
Yxy	71.2898, 0.2575, 0.4432
Android (android.graphics.Color)	4279433895 (0xFF12FAA7)
YUV	171.1700, -2.0558, -134.3301
Hunter-Lab	84.4333, -60.2134, 25.3010




# Details

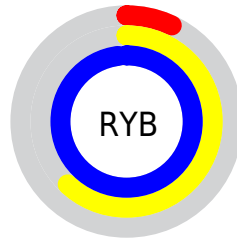
The YUV color **171.1700, -2.0558, -134.3301** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **96.8300, 2.0558, 134.3301**, and the grayscale version is **171.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **209.9760, 5.9278, -81.5400**, and **125.7000, -5.7681, -110.2389** is the 20% darker color. If you saturate the color by 10%, you get **165.1040, -2.0233, -144.7962**, and if you desaturate by 10%, it is **179.6710, -1.8098, -119.8605**.

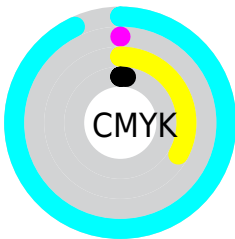
# Distribution







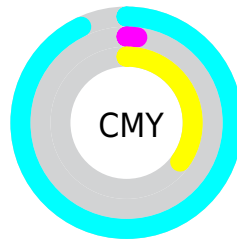
-  Red (7%)
-  Green (98%)
-  Blue (65%)






-  Red (7%)
-  Yellow (62%)
-  Blue (98%)



-  Cyan (93%)
-  Magenta (0%)
-  Yellow (33%)
-  Black (2%)




-  Cyan (93%)
-  Magenta (2%)
-  Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 171.1700, -2.0558, -134.3301 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 171.1700, -2.0558, -134.3301 by changing the saturation by 10% instead.




 171.1700, -2.0558,  
-134.3301


 171.1700, -2.0558,  
-134.3301

255.0000, 0.0000,  
0.0000


 145.6870, -2.8037,  
-127.7675


 209.9760, 5.9278,  
-81.5400

 125.7000, -5.7681,  
-110.2389


 223.4480, 13.5831,  
-63.5369

 106.4140, -8.5851,  
-93.3251


 233.7710, 10.4659,  
-43.6492

 87.2420, -10.9653,  
-76.5112

 243.3390, 5.7489,  
-23.9763

 69.3580, -13.4875,  
-60.8270

 252.9070, 1.0318,  
-4.3034

 50.8870, -15.7203,  
-44.6279

 34.6330, -17.0741,

-30.3731

■ 19.9580, -9.8393,  
-17.5032

■ 0.0000, 0.0000,  
0.0000

■ 171.1700, -2.0558,  
-134.3301

■ 171.1700, -2.0558,  
-134.3301

■ 165.1040, -2.0233,  
-144.7962

■ 179.6710, -1.8098,  
-119.8605


■ 188.1720, -1.5638,  
-105.3908


■ 196.6730, -1.3178,  
-90.9212

■ 205.1740, -1.0718,  
-76.4516

 213.6750, -0.8258,  
-61.9820

 222.1760, -0.5798,  
-47.5124

 230.6770, -0.3338,  
-33.0427

 239.1780, -0.0878,  
-18.5731

 247.5650, -0.2785,  
-4.0035

# Harmonies

## Analogous

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



202.0000, -47.3280, -33.3260



171.1700, -2.0558, -134.3301



176.2300, 30.4526, -154.5537

# Triad

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



171.1700, -2.0558, -134.3301



195.8730, 29.1496, -63.0326



192.8270, -27.5227, 54.5257

# Complementary

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



171.1700, -2.0558, -134.3301



96.8300, 2.0558, 134.3301

# 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.



191.4320, 5.2100, 55.7491



171.1700, -2.0558, -134.3301



217.1110, 18.6793, 28.8437

# Square

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



171.1700, -2.0558, -134.3301



169.9500, 41.9297, -149.0461



202.7570, 25.7558, 45.8171



202.3890, -56.8868, 46.1398



# Rectangle

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



171.1700, -2.0558, -134.3301



177.5810, 38.1676, -155.7385



202.7570, 25.7558, 45.8171



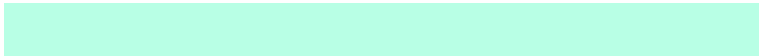
190.9980, -16.7610, 56.1298

# Sweetspot

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



171.1700, -2.0558, -134.3301



230.8070, -0.8909, -41.0497



179.5990, -79.6683, -67.1773



113.0200, -0.5029, -25.4505



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.



171.1700, -2.0558, -134.3301



168.3810, -2.1598, -147.6701



162.4350, 43.1695, -126.6695



120.5430, -0.2677, -7.4922



124.7370, -1.8423, -109.3943



40.2530, -0.6177, -35.3019



# Inverse Universe

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



96.8300, 2.0558, 134.3301



86.6190, 2.1598, 147.6701



105.5650, -43.1695, 126.6695



116.4570, 0.2677, 7.4922



64.2630, 1.8423, 109.3943

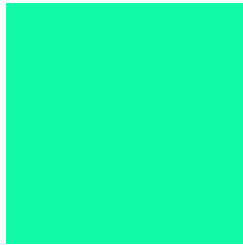


20.7470, 0.6177, 35.3019



# Previews

## White Background



This preview shows how the YUV color 171.1700, -2.0558, -134.3301 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

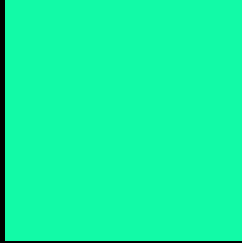
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 171.1700, -2.0558, -134.3301 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

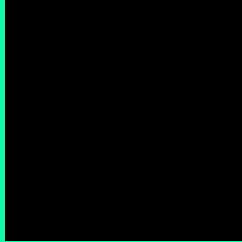
Any Text WCAG AA ✓ Pass

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 171.1700, -2.0558, -134.3301 Background



This preview shows how black text looks on a background with the YUV color 171.1700, -2.0558, -134.3301.



This preview shows how white text looks on a background with the YUV color 171.1700, -2.0558, -134.3301.

-134.3301.

# Color Blindness Simulation

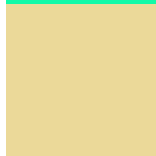
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

171.1700, -2.0558, -134.3301



### Protanopia

215.0860, -30.6084, 17.4646



### Deuteranopia

218.3940, -20.9002, 30.3495



## Tritanopia

199.8830, 27.1727, -82.3354

# Trichromacy



## Original Color

171.1700, -2.0558, -134.3301



## Protanomaly

199.0790, -20.2519, -37.7803



## Deuteranomaly

201.4420, -14.0219, -29.3286



## Tritanomaly

189.6020, 16.4652, -101.3830

# Monochromacy



## Original Color

171.1700, -2.0558, -134.3301



## Achromatopsia

171.0000, 0.0000, 0.0000



## Achromatomaly

171.1650, -0.5743, -49.2567

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 171.1700, -2.0558, -134.3301 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(18, 250, 167)` looks like.

```
.text, #text, p{  
    color:rgb(18, 250, 167)  
}
```

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(18, 250, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 250, 167) }
```

## Border

The CSS property to change the border of an element to YUV 171.1700, -2.0558, -134.3301 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(18, 250, 167) }
```



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

```
.border{ border-color:rgb(18, 250, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 250, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 250, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 250, 167);  
box-shadow:4px 4px 4px 4px rgb(18, 250,  
167) }
```

# Background

The CSS property to change the background color of an element to YUV 171.1700, -2.0558, -134.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 250, 167) }
```

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

```
.background{ background-color: rgb(18, 250,  
167) }
```

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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