

# Converting Colors

YUV(177.5920, -12.1239,  
-125.0532)

Have a look what the booklet for  
YUV(177.5920, -12.1239, -125.0532)  
contains.

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# Color

**YUV(177.5920, -12.1239,  
-125.0532)**

# Conversions

## Conversions Part 1

Format	Color
Hex	23FF99
RGB	35, 255, 153
RGB Percent	14%, 100%, 60%
CMY	0.8627, 0.0000, 0.4000
CMYK	0.86, 0.00, 0.40, 0.00
HSL	152°, 100%, 57%
HSV	152°, 86%, 100%
XYZ	42.2029, 74.1772, 42.2303
YIQ	177.5920, -98.3780, -78.3620

# Conversions

## Conversions Part 2

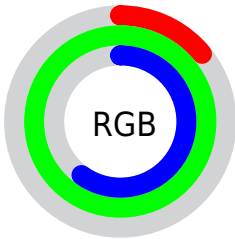
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 178, 255
Decimal	2359193
CIE <sub>Lab</sub>	89.01, -71.16, 35.19
CIE <sub>LCh</sub>	89, 79.388, 153.687
Yxy	74.1772, 0.2661, 0.4677
Android (android.graphics.Color)	4280549273 (0xFF23FF99)
YUV	177.5920, -12.1239, -125.0532
Hunter-Lab	86.1262, -63.2537, 31.2166

# Details

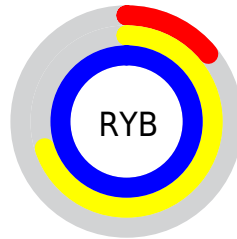
The YUV color **177.5920, -12.1239, -125.0532** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **112.4080, 12.1239, 125.0532**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.1740, -1.0718, -76.4516**, and **127.1530, -12.8934, -111.5132** is the 20% darker color. If you saturate the color by 10%, you get **168.4500, -13.5329, -139.8377**, and if you desaturate by 10%, it is **186.4350, -10.5675, -110.8835**.

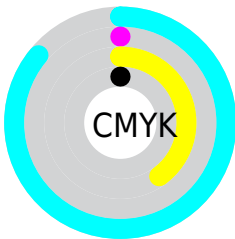
# Distribution



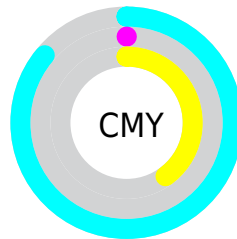
- Red (14%)
- Green (100%)
- Blue (60%)



- Red (14%)
- Yellow (70%)
- Blue (100%)



- Cyan (86%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (86%)
- Magenta (0%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 177.5920, -12.1239, -125.0532 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 177.5920, -12.1239, -125.0532 by changing the saturation by 10% instead.



177.5920,  
-12.1239, -125.0532

177.5920,  
-12.1239, -125.0532

255.0000, 0.0000,  
0.0000

147.0260,  
-10.3658, -128.9418

210.1740, -1.0718,  
-76.4516

127.1530,  
-12.8934, -111.5132

223.6460, 6.5835,  
-58.4485

107.2800,  
-15.4210, -94.0846

235.2660, 9.7289,  
-40.5753

88.5810, -18.5274,  
-77.6855

244.8340, 5.0118,  
-20.9024

69.9960, -21.1970,  
-61.3865

254.4020, 0.2948,  
-1.2296

51.0690, -25.1770,  
-44.7875

36.9810, -18.2316,

-32.4323

■ 21.7190, -10.7075,  
-19.0476

■ 0.0000, 0.0000,  
0.0000

■ 177.5920,  
-12.1239, -125.0532

■ 177.5920,  
-12.1239, -125.0532

■ 168.4500,  
-13.5329, -139.8377

■ 186.4350,  
-10.5675, -110.8835

■ 165.3030,  
-13.9534, -144.9707

■ 195.5770, -9.1585,  
-96.0990

■ 204.3060, -8.0389,  
-81.8294

■ 213.4480, -6.6299,  
-67.0449

■ 222.5900, -5.2209,  
-52.2604

■ 231.4330, -3.6645,  
-38.0907

■ 240.2760, -2.1081,  
-23.9211

■ 249.4180, -0.6991,  
-9.1366

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



205.4820, -58.4116, -24.9787



177.5920, -12.1239, -125.0532



176.0190, 27.1056, -154.3687

# Triad

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



177.5920, -12.1239, -125.0532



176.9480, 38.4796, -115.7184



189.5160, -22.4394, 57.4295

# Complementary

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



177.5920, -12.1239, -125.0532



112.4080, 12.1239, 125.0532

# 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.



190.2070, 13.2089, 56.8235



177.5920, -12.1239, -125.0532



217.0450, 18.7118, 18.3775

# Square

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



177.5920, -12.1239, -125.0532



175.2330, 39.3251, -153.6793



203.9310, 25.1770, 44.7875



200.2860, -57.3290, 47.9842



# Rectangle

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



177.5920, -12.1239, -125.0532



178.7550, 37.5888, -156.7681



203.9310, 25.1770, 44.7875



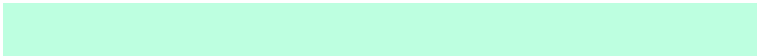
188.0290, -10.3673, 58.7336

# Sweetspot

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



177.5920, -12.1239, -125.0532



231.7320, -3.8119, -37.4760



194.9370, -78.8489, -49.9337



113.8740, -2.4029, -22.6915



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.



177.5920, -12.1239, -125.0532



165.3030, -13.9534, -144.9707



185.1110, 34.4553, -131.6473



123.4290, -0.7045, -7.3922



123.8590, -10.2835, -108.6243



41.4440, -3.6699, -36.3464



# Inverse Universe

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



112.4080, 12.1239, 125.0532



89.6970, 13.9534, 144.9707



104.8890, -34.4553, 131.6473



119.5710, 0.7045, 7.3922



67.2550, 10.7203, 108.5244

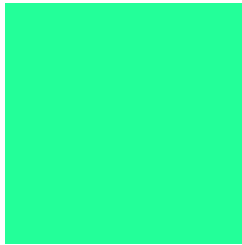


22.5560, 3.6699, 36.3464



# Previews

## White Background



This preview shows how the YUV color 177.5920, -12.1239, -125.0532 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 177.5920, -12.1239, -125.0532 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

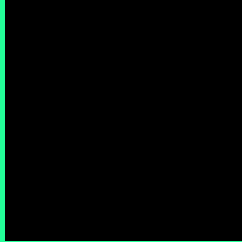
Any Text WCAG AA ✓ Pass

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 177.5920, -12.1239, -125.0532 Background



This preview shows how black text looks on a background with the YUV color 177.5920, -12.1239, -125.0532.



This preview shows how white text looks on a background with the YUV color 177.5920, -12.1239, -125.0532.

-125.0532.

# Color Blindness Simulation

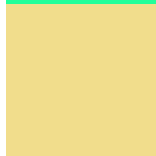
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

177.5920, -12.1239, -125.0532



### Protanopia

217.7460, -38.3288, 20.3938



### Deuteranopia

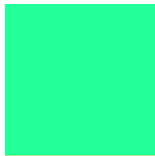
221.8130, -23.0788, 29.1050



## Tritanopia

208.5320, 22.9087, -67.9956

# Trichromacy



## Original Color

177.5920, -12.1239, -125.0532



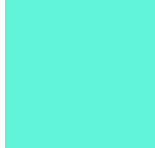
## Protanomaly

202.9350, -28.5620, -32.3920



## Deuteranomaly

205.7860, -19.1215, -26.9993



## Tritanomaly

197.3710, 10.1701, -88.9024

# Monochromacy



## Original Color

177.5920, -12.1239, -125.0532



## Achromatopsia

178.0000, 0.0000, 0.0000



## Achromatomaly

177.8620, -4.3690, -45.4830

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 177.5920, -12.1239, -125.0532 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(35, 255, 153)` looks like.

```
.text, #text, p{  
    color:rgb(35, 255, 153)  
}
```

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(35, 255, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 255, 153) }
```

## Border

The CSS property to change the border of an element to YUV 177.5920, -12.1239, -125.0532 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(35, 255, 153) }
```



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

```
.border{ border-color:rgb(35, 255, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 255, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(35, 255,  
153) }
```

# Background

The CSS property to change the background color of an element to YUV 177.5920, -12.1239, -125.0532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 255, 153) }
```

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

```
.background{ background-color: rgb(35, 255,  
153) }
```

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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