

# Converting Colors

YUV(155.6670, -25.9648,  
-118.9800)

Have a look what the booklet for  
YUV(155.6670, -25.9648, -118.9800)  
contains.

<b>YUV(155.6670, -25.9648, -118.9800)</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(155.6670, -25.9648,  
-118.9800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	14EB67
RGB	20, 235, 103
RGB Percent	8%, 92%, 40%
CMY	0.9216, 0.0784, 0.5961
CMYK	0.91, 0.00, 0.56, 0.08
HSL	143°, 84%, 50%
HSV	143°, 91%, 92%
XYZ	32.4450, 60.5447, 22.8082
YIQ	155.6670, -85.7680, -86.6320

# Conversions

## Conversions Part 2

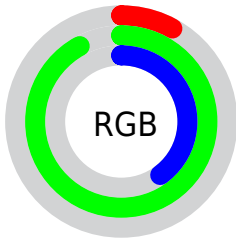
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">20, 175, 235</a>
Decimal	<a href="#">1370983</a>
CIELab	<a href="#">82.13, -73.55, 50.42</a>
CIELCh	<a href="#">82, 89.169, 145.570</a>
Yxy	<a href="#">60.5447, 0.2802, 0.5228</a>
Android (android.graphics.Color)	<a href="#">4279561063 (0xFF14EB67)</a>
YUV	<a href="#">155.6670, -25.9648, -118.9800</a>
Hunter-Lab	<a href="#">77.8104, -61.7383, 37.0879</a>

# Details

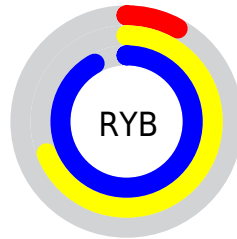
The YUV color **155.6670, -25.9648, -118.9800** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **99.3330, 25.9648, 118.9800**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.6690, -22.0218, -76.8857**, and **109.5990, -29.3823, -96.1183** is the 20% darker color. If you saturate the color by 10%, you get **148.3190, -28.2583, -130.0758**, and if you desaturate by 10%, it is **164.4390, -23.3874, -105.6250**.

# Distribution



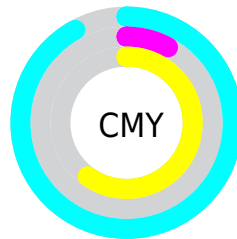
- Red (8%)
- Green (92%)
- Blue (40%)



- Red (8%)
- Yellow (69%)
- Blue (92%)



- Cyan (91%)
- Magenta (0%)
- Yellow (56%)
- Black (8%)



- Cyan (92%)
- Magenta (8%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 155.6670, -25.9648, -118.9800 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 155.6670, -25.9648, -118.9800 by changing the saturation by 10% instead.



155.6670,  
-25.9648, -118.9800

155.6670,  
-25.9648, -118.9800

255.0000, 0.0000,  
0.0000

129.7000,  
-25.9811, -113.7469

201.6690,  
-22.0218, -76.8857

109.5990,  
-29.3823, -96.1183

215.0270,  
-14.8033, -58.7827

90.2160, -35.1095,  
-79.1194

227.7870, -7.2900,  
-41.9092

71.6140, -35.3057,  
-62.8055

240.6610, 0.6601,  
-25.1357

56.3520, -27.7815,  
-49.4207

251.7110, 1.6215,  
-6.7625

41.0900, -20.2574,  
-36.0359

26.4150, -13.0226,

-23.1660

■ 8.2180, -4.0515,  
-7.2072

■ 0.0000, 0.0000,  
0.0000

■ 155.6670,  
-25.9648, -118.9800

■ 155.6670,  
-25.9648, -118.9800


■ 148.3190,  
-28.2583, -130.0758

■ 164.4390,  
-23.3874, -105.6250


■ 173.0260,  
-20.2258, -92.9848

■ 181.7980,  
-17.6484, -79.6298

■ 190.3850,  
-14.4868, -66.9896

 199.1570,  
-11.9094, -53.6347

 207.7440, -8.7478,  
-40.9945

 216.5160, -6.1704,  
-27.6395

 224.9890, -3.4456,  
-14.8994

 233.8750, -0.4314,  
-1.6444

# Harmonies

## Analogous

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



182.2090, -87.8570, -7.1993



155.6670, -25.9648, -118.9800



163.6000, 12.5222, -143.4772

# Triad

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



155.6670, -25.9648, -118.9800



157.0360, 48.2963, -137.7206



165.8250, -14.2107, 78.2065

# Complementary

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



155.6670, -25.9648, -118.9800



99.3330, 25.9648, 118.9800

# 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.



170.0040, 24.6480, 74.5415



155.6670, -25.9648, -118.9800



191.4630, 31.3237, -13.5611

# Square

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



155.6670, -25.9648, -118.9800



167.6020, 43.0872, -146.9870



191.6040, 31.2542, 55.5983



178.2930, -57.8254, 67.2720



# Rectangle

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



155.6670, -25.9648, -118.9800



170.7990, 37.5671, -149.7907



191.6040, 31.2542, 55.5983



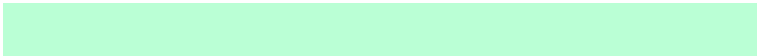
164.2070, -0.1021, 79.6255

# Sweetspot

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



155.6670, -25.9648, -118.9800



229.5810, -8.1744, -38.2205



185.9720, -81.8242, -28.9164



112.7770, -5.3131, -22.6064



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.



155.6670, -25.9648, -118.9800



160.8570, -30.9885, -141.0716



167.8650, 20.7726, -129.6776



112.9130, -1.4361, -6.0627



114.2270, -21.8039, -100.1771



34.0920, -6.4544, -29.8987



# Inverse Universe

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



99.3330, 25.9648, 118.9800



94.1430, 30.9885, 141.0716



87.1350, -20.7726, 129.6776



110.0870, 1.4361, 6.0627



66.7730, 21.8039, 100.1771

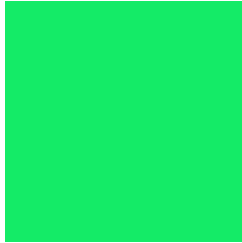


19.9080, 6.4544, 29.8987



# Previews

## White Background



This preview shows how the YUV color 155.6670, -25.9648, -118.9800 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

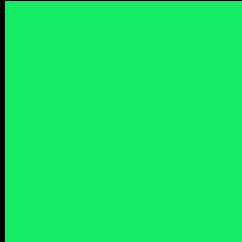
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 155.6670, -25.9648, -118.9800 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 155.6670, -25.9648, -118.9800 Background



This preview shows how black text looks on a background with the YUV color 155.6670, -25.9648, -118.9800.



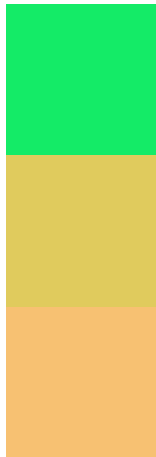
This preview shows how white text looks on a background with the YUV color 155.6670, -25.9648, -118.9800.



# 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

155.6670, -25.9648, -118.9800

### Protanopia

196.7390, -51.1433, 23.9079

### Deuteranopia

200.1400, -42.4670, 41.0962



## Tritanopia

185.0790, 26.5831, -79.8763

# Trichromacy



## Original Color

155.6670, -25.9648, -118.9800



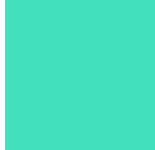
## Protanomaly

182.1130, -41.9607, -28.1631



## Deuteranomaly

183.6720, -36.3203, -17.2523



## Tritanomaly

174.3550, 7.7130, -94.1503

# Monochromacy



## Original Color

155.6670, -25.9648, -118.9800



## Achromatopsia

156.0000, 0.0000, 0.0000



## Achromatomaly

156.2060, -9.4686, -43.1537

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 155.6670, -25.9648, -118.9800 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(20, 235, 103)` looks like.

```
.text, #text, p{  
    color:rgb(20, 235, 103)  
}
```

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(20, 235, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 235, 103) }
```

## Border

The CSS property to change the border of an element to YUV 155.6670, -25.9648, -118.9800 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(20, 235, 103) }
```



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

```
.border{ border-color:rgb(20, 235, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 235, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 235, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 235, 103);  
box-shadow:4px 4px 4px 4px rgb(20, 235,  
103) }
```

# Background

The CSS property to change the background color of an element to YUV 155.6670, -25.9648, -118.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 235, 103) }
```

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

```
.background{ background-color: rgb(20, 235,  
103) }
```

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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