

# Converting Colors

YUV(151.7790, -35.8800,  
-112.0622)

Have a look what the booklet for  
YUV(151.7790, -35.8800, -112.0622)  
contains.

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# Color

**YUV(151.7790, -35.8800,  
-112.0622)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18E74F
RGB	24, 231, 79
RGB Percent	9%, 91%, 31%
CMY	0.9059, 0.0941, 0.6902
CMYK	0.90, 0.00, 0.66, 0.09
HSL	136°, 81%, 50%
HSV	136°, 90%, 91%
XYZ	30.3639, 57.9105, 16.9746
YIQ	151.7790, -74.5800, -91.1560

# Conversions

## Conversions Part 2

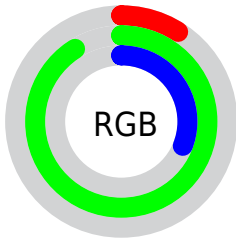
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 188, 231
Decimal	1632079
CIELab	80.69, -74.96, 59.06
CIElCh	81, 95.434, 141.764
Yxy	57.9105, 0.2885, 0.5502
Android (android.graphics.Color)	4279822159 (0xFF18E74F)
YUV	151.7790, -35.8800, -112.0622
Hunter-Lab	76.0990, -61.9508, 40.0440

# Details

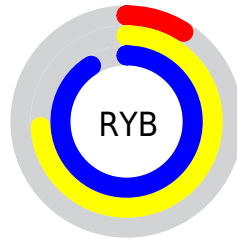
The YUV color **151.7790, -35.8800, -112.0622** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **103.2210, 35.8800, 112.0622**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.3460, -32.2156, -73.9714**, and **103.7340, -44.2389, -90.9747** is the 20% darker color. If you saturate the color by 10%, you get **142.9640, -39.9153, -124.5024**, and if you desaturate by 10%, it is **160.5940, -31.8448, -99.6219**.

# Distribution



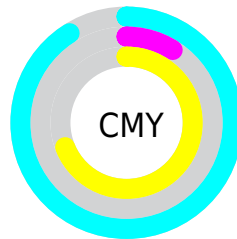
- Red (9%)
- Green (91%)
- Blue (31%)



- Red (9%)
- Yellow (74%)
- Blue (91%)



- Cyan (90%)
- Magenta (0%)
- Yellow (66%)
- Black (9%)



- Cyan (91%)
- Magenta (9%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 151.7790, -35.8800, -112.0622 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 151.7790, -35.8800, -112.0622 by changing the saturation by 10% instead.



151.7790,  
-35.8800, -112.0622

151.7790,  
-35.8800, -112.0622

255.0000, 0.0000,  
0.0000

124.2740,  
-36.6171, -108.9883

199.3460,  
-32.2156, -73.9714

103.7340,  
-44.2389, -90.9747

212.7040,  
-24.9971, -55.8684

85.7020, -42.2511,  
-75.1607

225.4640,  
-17.4838, -38.9949

69.8530, -34.4375,  
-61.2611

238.3380, -9.5336,  
-22.2214

54.0040, -26.6240,  
-47.3615

250.9130, -1.4361,  
-6.0627

39.3290, -19.3892,  
-34.4915

24.6540, -12.1544,

-21.6216

■ 2.9350, -1.4470,  
-2.5740

■ 0.0000, 0.0000,  
0.0000

■ 151.7790,  
-35.8800, -112.0622

■ 151.7790,  
-35.8800, -112.0622

■ 142.9640,  
-39.9153, -124.5024

■ 160.5940,  
-31.8448, -99.6219

■ 142.5510,  
-40.2046, -125.0172

■ 169.4090,  
-27.8096, -87.1817

■ 178.2240,  
-23.7744, -74.7414

■ 187.0390,  
-19.7392, -62.3012

■ 196.1530,  
-15.8514, -49.2462

■ 204.9680,  
-11.8162, -36.8059

■ 213.7830, -7.7810,  
-24.3657

■ 222.5980, -3.7458,  
-11.9254

■ 231.4130, 0.2894,  
0.5148

# Harmonies

## Analogous

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



179.4270, -88.4575, -1.2515



151.7790, -35.8800, -112.0622



159.9010, 5.9648, -140.2332

# Triad

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



151.7790, -35.8800, -112.0622



157.0360, 48.2963, -137.7206



155.0140, -7.4019, 87.6877

# Complementary

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



151.7790, -35.8800, -112.0622



103.2210, 35.8800, 112.0622

# 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.



162.8120, 32.6307, 80.8489



151.7790, -35.8800, -112.0622



180.4000, 36.7778, -36.3078

# Square

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



151.7790, -35.8800, -112.0622



167.0150, 43.3766, -146.4722



189.2560, 32.4118, 57.6575



169.3910, -56.3948, 75.0791



# Rectangle

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



151.7790, -35.8800, -112.0622



167.5560, 32.7569, -146.9466



189.2560, 32.4118, 57.6575



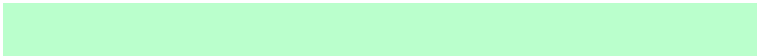
153.6240, 7.5804, 88.9068

# Sweetspot

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



151.7790, -35.8800, -112.0622



228.5550, -12.1056, -37.3207



191.8540, -82.7520, -11.2730



112.3210, -7.0603, -22.2065



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.



151.7790, -35.8800, -112.0622



157.4370, -44.0924, -138.0722



163.1790, 7.7998, -122.0600



110.3860, -2.1623, -6.4775



110.4310, -31.2715, -96.8480



31.5330, -8.6438, -27.6544



# Inverse Universe

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



103.2210, 35.8800, 112.0622



97.5630, 44.0924, 138.0722



91.8210, -7.7998, 122.0600



107.6140, 2.1623, 6.4775



68.4550, 30.8347, 96.9480

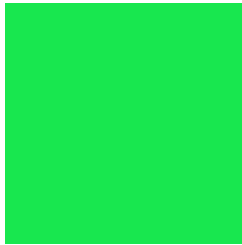


19.4670, 8.6438, 27.6544



# Previews

## White Background



This preview shows how the YUV color 151.7790, -35.8800, -112.0622 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 151.7790, -35.8800, -112.0622 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 151.7790, -35.8800, -112.0622 Background



This preview shows how black text looks on a background with the YUV color 151.7790, -35.8800, -112.0622.



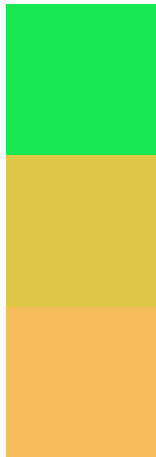
This preview shows how white text looks on a background with the YUV color 151.7790, -35.8800, -112.0622.



# 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

151.7790, -35.8800, -112.0622

### Protanopia

191.1710, -59.7373, 27.0370

### Deuteranopia

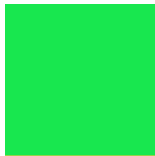
194.8000, -50.1874, 44.0254



## Tritanopia

181.8730, 25.6986, -76.1876

# Trichromacy



## Original Color

151.7790, -35.8800, -112.0622



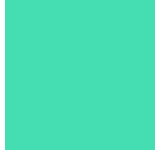
## Protanomaly

177.0290, -51.2863, -23.7044



## Deuteranomaly

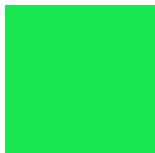
179.1150, -44.9197, -12.3789



## Tritanomaly

170.6500, 3.6235, -89.1471

# Monochromacy



## Original Color

151.7790, -35.8800, -112.0622



## Achromatopsia

152.0000, 0.0000, 0.0000



## Achromatomaly

151.8920, -13.2578, -41.1243

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 151.7790, -35.8800, -112.0622 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(24, 231, 79)` looks like.

```
.text, #text, p{  
    color:rgb(24, 231, 79)  
}
```

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(24, 231, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 231, 79) }
```

## Border

The CSS property to change the border of an element to YUV 151.7790, -35.8800, -112.0622 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(24, 231, 79) }
```



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

```
.border{ border-color:rgb(24, 231, 79) }
```

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

Here you see how a box with a 4 pixel rgb(24, 231, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 231, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 231, 79);  
box-shadow:4px 4px 4px 4px rgb(24, 231,  
79) }
```

# Background

The CSS property to change the background color of an element to YUV 151.7790, -35.8800, -112.0622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 231, 79) }
```

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

```
.background{ background-color: rgb(24, 231,  
79) }
```

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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