

Converting Colors

YUV(154.5200, -63.3604,
-117.9740)

Have a look what the booklet for
YUV(154.5200, -63.3604, -117.9740)
contains.

YUV(154.5200, -63.3604, -117.9740)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(154.5200, -63.3604,
-117.9740)**

Conversions

Conversions Part 1

Format	Color
Hex	14F81A
RGB	20, 248, 26
RGB Percent	8%, 97%, 10%
CMY	0.9216, 0.0275, 0.8980
CMYK	0.92, 0.00, 0.90, 0.03
HSL	122°, 94%, 53%
HSV	122°, 92%, 97%
XYZ	34.0423, 67.3581, 12.1845
YIQ	154.5200, -64.6260, -117.3780

Conversions

Conversions Part 2

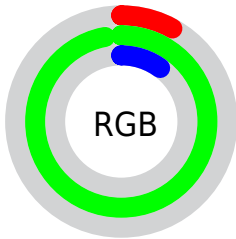
Format	Color
R _{YB}	20, 242, 248
Decimal	1374234
CIE Lab	85.68, -83.21, 78.94
CIE LCh	86, 114.698, 136.509
Yxy	67.3581, 0.2997, 0.5930
Android (android.graphics.Color)	4279564314 (0xFF14F81A)
YUV	154.5200, -63.3604, -117.9740
Hunter-Lab	82.0720, -69.5866, 48.6481

Details

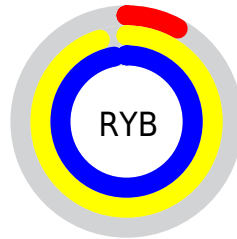
The YUV color **154.5200, -63.3604, -117.9740** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **113.4800, 63.3604, 117.9740**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.0360, -48.8247, -66.6836**, and **111.5300, -54.9843, -97.8118** is the 20% darker color. If you saturate the color by 10%, you get **146.3740, -68.7114, -128.3700**, and if you desaturate by 10%, it is **164.7310, -56.5624, -105.0041**.

Distribution



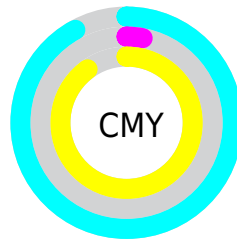
- Red (8%)
- Green (97%)
- Blue (10%)



- Red (8%)
- Yellow (95%)
- Blue (97%)



- Cyan (92%)
- Magenta (0%)
- Yellow (90%)
- Black (3%)



- Cyan (92%)
- Magenta (3%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.5200, -63.3604, -117.9740 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 154.5200, -63.3604, -117.9740 by changing the saturation by 10% instead.

■ 154.5200,
-63.3604, -117.9740

■ 154.5200,
-63.3604, -117.9740

■ 255.0000, 0.0000,
0.0000

■ 128.5530,
-63.3766, -112.7410

■ 197.0360,
-48.8247, -66.6836

■ 111.5300,
-54.9843, -97.8118

■ 210.9210,
-40.8801, -48.1657

■ 94.5070, -46.5920,
-82.8826

■ 224.2080,
-32.6405, -30.8774

■ 78.6580, -38.7784,
-68.9831

■ 237.3810,
-24.8378, -13.4891

■ 62.8090, -30.9648,
-55.0835

■ 250.3690,
-16.4509, 3.1844

■ 46.9600, -23.1513,
-41.1839

■ 254.0880, -3.4944,

■ 32.2850, -15.9165,

0.7998

-28.3139

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 154.5200,
-63.3604, -117.9740

■ 154.5200,
-63.3604, -117.9740

■ 146.3740,
-68.7114, -128.3700

■ 164.7310,
-56.5624, -105.0041

■ 174.9420,
-49.7644, -92.0341

■ 184.8540,
-42.8190, -79.6790

■ 195.1790,
-35.5842, -66.8090

■ 205.3900,
-28.7863, -53.8390

■ 215.6010,
-21.9883, -40.8691

■ 225.8120,
-15.1903, -27.8991

■ 235.7240, -8.2449,
-15.5439

■ 245.9350, -1.4470,
-2.5740

Harmonies

Analogous

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



194.2340, -95.7574, 6.8108



154.5200, -63.3604, -117.9740



167.8110, -4.3438, -147.1702

Triad

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



154.5200, -63.3604, -117.9740



170.5370, 41.6403, -149.5609



137.3360, 11.1734, 103.1913

Complementary

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



154.5200, -63.3604, -117.9740



113.4800, 63.3604, 117.9740

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.



154.0360, 49.7753, 88.5454



154.5200, -63.3604, -117.9740



150.5790, 51.4796, -132.0578

Square

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



154.5200, -63.3604, -117.9740



178.7550, 37.5888, -156.7681



193.9520, 30.0967, 53.5391



162.4780, -54.9587, 81.1418

Rectangle

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



154.5200, -63.3604, -117.9740



176.5890, 29.2896, -154.8686



193.9520, 30.0967, 53.5391



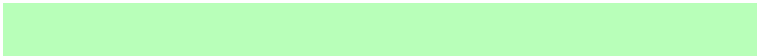
134.3960, 30.3708, 105.7697

Sweetspot

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



154.5200, -63.3604, -117.9740



225.7910, -20.1100, -36.6507



220.8120, -99.0003, 20.3359



109.9420, -12.2964, -22.7511



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.



154.5200, -63.3604, -117.9740



150.4830, -70.7371, -131.9736



167.2880, -14.4390, -129.1716



119.7450, -3.3253, -6.7924



111.5130, -52.5109, -97.7969



36.0350, -16.7793, -31.6027

Inverse Universe

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



113.4800, 63.3604, 117.9740



104.5170, 70.7371, 131.9736



100.7120, 14.4390, 129.1716



117.3690, 3.7621, 6.6924



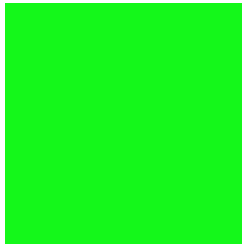
77.4870, 52.5109, 97.7969



25.0790, 17.2161, 31.5027

Previews

White Background



This preview shows how the YUV color 154.5200, -63.3604, -117.9740 looks on a white background.

Color Contrast Check

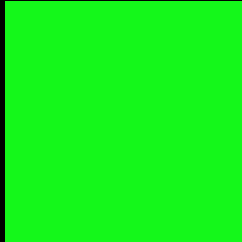
Large Text (above 18pt) WCAG AA × Fail

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 154.5200, -63.3604, -117.9740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

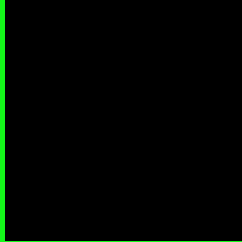
Any Text WCAG AA ✓ Pass

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 154.5200, -63.3604, -117.9740 Background



This preview shows how black text looks on a background with the YUV color 154.5200, -63.3604, -117.9740.

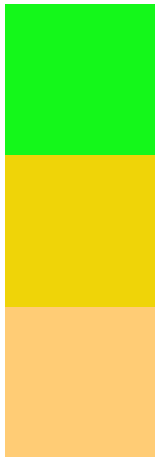


This preview shows how white text looks on a background with the YUV color 154.5200, -63.3604, -117.9740.

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

154.5200, -63.3604, -117.9740

Protanopia

196.8170, -93.0868, 36.9945

Deuteranopia

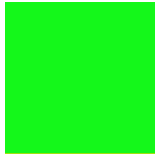
209.3310, -45.5192, 40.0517



Tritanopia

195.3780, 26.4356, -79.2615

Trichromacy



Original Color

154.5200, -63.3604, -117.9740



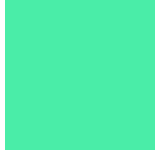
Protanomaly

181.3260, -81.9987, -19.5799



Deuteranomaly

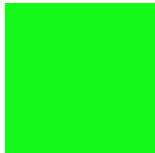
189.5460, -52.0342, -17.1418



Tritanomaly

180.3970, -6.1117, -93.3102

Monochromacy



Original Color

154.5200, -63.3604, -117.9740



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

154.9490, -23.1459, -42.9283

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.5200, -63.3604, -117.9740 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, 248, 26)` looks like.

```
.text, #text, p{  
    color:rgb(20, 248, 26)  
}
```

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, 248, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 248, 26) }
```

Border

The CSS property to change the border of an element to YUV 154.5200, -63.3604, -117.9740 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, 248, 26) }
```


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

```
.border{ border-color:rgb(20, 248, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 248, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 248, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 248, 26);  
box-shadow:4px 4px 4px 4px rgb(20, 248,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 154.5200, -63.3604, -117.9740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 248, 26) }
```

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

```
.background{ background-color: rgb(20, 248,  
26) }
```

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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