

Converting Colors

YUV(155.4440, -61.3509,
-109.1374)

Have a look what the booklet for
YUV(155.4440, -61.3509, -109.1374)
contains.

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Color

**YUV(155.4440, -61.3509,
-109.1374)**

Conversions

Conversions Part 1

Format	Color
Hex	1FF31F
RGB	31, 243, 31
RGB Percent	12%, 95%, 12%
CMY	0.8784, 0.0471, 0.8784
CMYK	0.87, 0.00, 0.87, 0.05
HSL	120°, 90%, 54%
HSV	120°, 87%, 95%
XYZ	32.8630, 64.4914, 12.0124
YIQ	155.4440, -58.3000, -110.8760

Conversions

Conversions Part 2

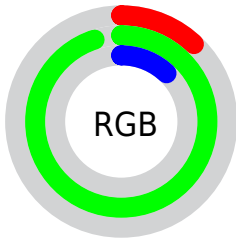
Format	Color
RYB	31, 243, 243
Decimal	2093855
CIELab	84.22, -81.05, 76.87
CIElCh	84, 111.709, 136.516
Yxy	64.4914, 0.3005, 0.5897
Android (android.graphics.Color)	4280283935 (0xFF1FF31F)
YUV	155.4440, -61.3509, -109.1374
Hunter-Lab	80.3065, -67.4908, 47.3459

Details

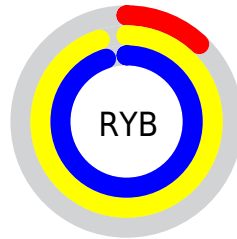
The YUV color **155.4440, -61.3509, -109.1374** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **118.5560, 61.3509, 109.1374**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.8620, -48.2460, -65.6540**, and **108.5950, -53.5373, -95.2378** is the 20% darker color. If you saturate the color by 10%, you get **145.5320, -68.2963, -121.4926**, and if you desaturate by 10%, it is **165.3560, -54.4055, -96.7822**.

Distribution



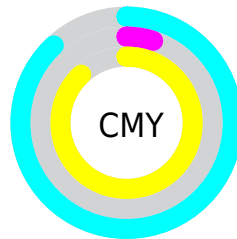
- Red (12%)
- Green (95%)
- Blue (12%)



- Red (12%)
- Yellow (95%)
- Blue (95%)



- Cyan (87%)
- Magenta (0%)
- Yellow (87%)
- Black (5%)



- Cyan (88%)
- Magenta (5%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.4440, -61.3509, -109.1374 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 155.4440, -61.3509, -109.1374 by changing the saturation by 10% instead.

■ 155.4440,
-61.3509, -109.1374

■ 155.4440,
-61.3509, -109.1374

■ 255.0000, 0.0000,
0.0000

■ 125.6180,
-61.9297, -110.1670

■ 197.8620,
-48.2460, -65.6540

■ 108.5950,
-53.5373, -95.2378

■ 211.3340,
-40.5907, -47.6509

■ 92.1590, -45.4344,
-80.8234

■ 224.6210,
-32.3512, -30.3626

■ 75.7230, -37.3314,
-66.4091

■ 237.4950,
-24.4010, -13.5891

■ 59.8740, -29.5179,
-52.5095

■ 250.4830,
-16.0141, 3.0844

■ 44.6120, -21.9937,
-39.1247

■ 254.2020, -3.0576,

■ 29.9370, -14.7589,

0.6998

-26.2547

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 155.4440,
-61.3509, -109.1374

■ 155.4440,
-61.3509, -109.1374

■ 145.5320,
-68.2963, -121.4926

■ 165.3560,
-54.4055, -96.7822


■ 142.6410,
-70.3220, -125.0962


■ 175.6810,
-47.1707, -83.9122

■ 185.5930,
-40.2253, -71.5571


■ 195.5050,
-33.2800, -59.2019

 205.4170,
-26.3346, -46.8467

 215.7420,
-19.0998, -33.9767

 225.6540,
-12.1544, -21.6216

 235.5660, -5.2090,
-9.2664

 245.8910, 2.0257,
3.6036

Harmonies

Analogous

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



190.4020, -93.8682, 7.5404



155.4440, -61.3509, -109.1374



166.4090, -4.6386, -145.9407

Triad

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



155.4440, -61.3509, -109.1374



167.6020, 43.0872, -146.9870



138.7550, 8.9948, 101.9469

Complementary

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



155.4440, -61.3509, -109.1374



118.5560, 61.3509, 109.1374

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.



155.2100, 49.1965, 87.5158



155.4440, -61.3509, -109.1374



148.2310, 52.6371, -129.9986

Square

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



155.4440, -61.3509, -109.1374



176.9940, 38.4570, -155.2237



193.3650, 30.3861, 54.0539



161.5320, -53.5063, 81.9714

Rectangle

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



155.4440, -61.3509, -109.1374



176.0190, 27.1056, -154.3687



193.3650, 30.3861, 54.0539



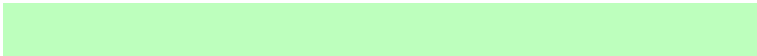
136.2880, 27.4660, 104.1104

Sweetspot

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



155.4440, -61.3509, -109.1374



227.7420, -19.0998, -33.9767



218.8320, -92.6012, 21.1953



111.4800, -11.5756, -20.5920



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.



155.4440, -61.3509, -109.1374



149.6850, -73.7947, -131.2737



167.5280, -15.0503, -119.7351



117.0440, -3.4727, -6.1776



109.1820, -53.8267, -95.7526



34.6330, -17.0741, -30.3731

Inverse Universe

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



118.5560, 61.3509, 109.1374



105.3150, 73.7947, 131.2737



106.4720, 15.0503, 119.7351



114.9560, 3.4727, 6.1776



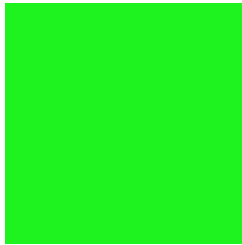
76.8180, 53.8267, 95.7526



24.3670, 17.0741, 30.3731

Previews

White Background



This preview shows how the YUV color 155.4440, -61.3509, -109.1374 looks on a white background.

Color Contrast Check

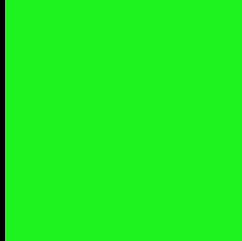
Large Text (above 18pt) WCAG AA × Fail

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 155.4440, -61.3509, -109.1374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

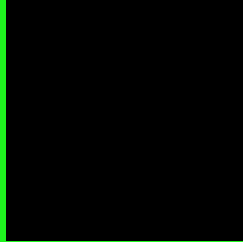
Any Text WCAG AA ✓ Pass

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 155.4440, -61.3509, -109.1374 Background



This preview shows how black text looks on a background with the YUV color 155.4440, -61.3509, -109.1374.



This preview shows how white text looks on a background with the YUV color 155.4440, -61.3509, -109.1374.

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

155.4440, -61.3509, -109.1374

Protanopia

194.2280, -86.3874, 34.8800

Deuteranopia

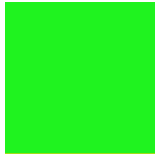
204.0020, -53.2450, 44.7252



Tritanopia

191.8730, 25.6986, -76.1876

Trichromacy



Original Color

155.4440, -61.3509, -109.1374



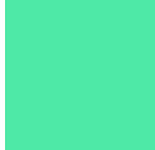
Protanomaly

180.1890, -77.4942, -17.7058



Deuteranomaly

186.4390, -56.4184, -10.9090



Tritanomaly

178.5440, -5.6912, -88.1771

Monochromacy



Original Color

155.4440, -61.3509, -109.1374



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.1990, -22.2831, -39.6395

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.4440, -61.3509, -109.1374 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(31, 243, 31)` looks like.

```
.text, #text, p{  
    color:rgb(31, 243, 31)  
}
```

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(31, 243, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 243, 31) }
```

Border

The CSS property to change the border of an element to YUV 155.4440, -61.3509, -109.1374 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(31, 243, 31) }
```


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

```
.border{ border-color:rgb(31, 243, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 243, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 243, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 243, 31);  
box-shadow:4px 4px 4px 4px rgb(31, 243,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 155.4440, -61.3509, -109.1374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 243, 31) }
```

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

```
.background{ background-color: rgb(31, 243,  
31) }
```

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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