

Converting Colors

YUV(151.2250, -18.8449,
-115.9613)

Have a look what the booklet for
YUV(151.2250, -18.8449, -115.9613)
contains.

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Color

**YUV(151.2250, -18.8449,
-115.9613)**

Conversions

Conversions Part 1

Format	Color
Hex	13E271
RGB	19, 226, 113
RGB Percent	7%, 89%, 44%
CMY	0.9255, 0.1137, 0.5569
CMYK	0.92, 0.00, 0.50, 0.11
HSL	147°, 84%, 48%
HSV	147°, 92%, 89%
XYZ	30.4456, 55.7234, 24.7738
YIQ	151.2250, -87.0990, -79.0270

Conversions

Conversions Part 2

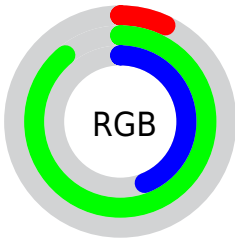
Format	Color
RYB	19, 161, 226
Decimal	1303153
CIELab	79.46, -69.34, 42.48
CIELCh	79, 81.318, 148.506
Yxy	55.7234, 0.2744, 0.5023
Android (android.graphics.Color)	4279493233 (0xFF13E271)
YUV	151.2250, -18.8449, -115.9613
Hunter-Lab	74.6481, -57.8322, 32.5768

Details

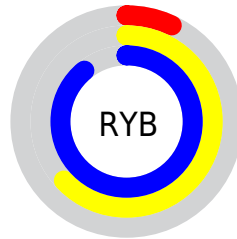
The YUV color **151.2250, -18.8449, -115.9613** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **93.7750, 18.8449, 115.9613**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9120, -17.2116, -79.7298**, and **106.2710, -21.8256, -93.1997** is the 20% darker color. If you saturate the color by 10%, you get **144.4040, -20.4122, -126.6423**, and if you desaturate by 10%, it is **159.4700, -16.9937, -103.0212**.

Distribution



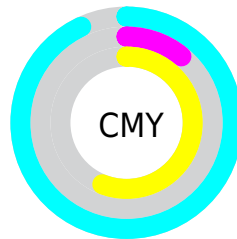
- Red (7%)
- Green (89%)
- Blue (44%)



- Red (7%)
- Yellow (63%)
- Blue (89%)



- Cyan (92%)
- Magenta (0%)
- Yellow (50%)
- Black (11%)



- Cyan (93%)
- Magenta (11%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.2250, -18.8449, -115.9613 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 151.2250, -18.8449, -115.9613 by changing the saturation by 10% instead.

■ 151.2250,
-18.8449, -115.9613

■ 151.2250,
-18.8449, -115.9613

■ 255.0000, 0.0000,
0.0000

■ 125.5570,
-19.0086, -110.1135

■ 201.9120,
-17.2116, -79.7298

■ 106.2710,
-21.8256, -93.1997

■ 214.8570,
-10.2825, -62.1416

■ 86.8710, -25.0794,
-76.1859

■ 227.7310, -2.3324,
-45.3681

■ 67.3740, -31.2434,
-59.0870

■ 240.6050, 5.6177,
-28.5946

■ 51.6560, -25.4664,
-45.3023

■ 250.2160, 2.3585,
-9.8364

■ 36.9810, -18.2316,
-32.4323

■ 22.3060, -10.9969,

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 151.2250,
-18.8449, -115.9613

■ 151.2250,
-18.8449, -115.9613

■ 144.4040,
-20.4122, -126.6423

■ 159.4700,
-16.9937, -103.0212

■ 167.5300,
-14.5583, -90.7958

■ 175.7750,
-12.7071, -77.8557

■ 183.7210,
-10.7085, -65.5303

■ 192.0800, -8.4204,
-52.6902

■ 200.3250, -6.5692,
-39.7500

■ 208.2710, -4.5706,
-27.4247

■ 216.6300, -2.2826,
-14.5845

■ 224.5760, -0.2840,
-2.2592

Harmonies

Analogous

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



178.3710, -66.7379, -14.3574



151.2250, -18.8449, -115.9613



157.9580, 16.2897, -138.5292

Triad

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



151.2250, -18.8449, -115.9613



150.5790, 51.4796, -132.0578



167.8480, -19.1521, 76.4323

Complementary

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



151.2250, -18.8449, -115.9613



93.7750, 18.8449, 115.9613

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.



170.5280, 16.5017, 74.0819



151.2250, -18.8449, -115.9613



189.7680, 32.1594, -1.5505

Square

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



151.2250, -18.8449, -115.9613



160.5580, 46.5599, -140.8094



189.2560, 32.4118, 57.6575



178.5210, -56.9519, 67.0721

Rectangle

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



151.2250, -18.8449, -115.9613



163.8860, 39.0032, -143.7280



189.2560, 32.4118, 57.6575



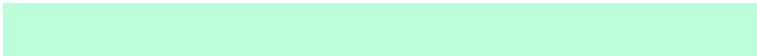
166.4750, -6.6432, 77.6364

Sweetspot

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



151.2250, -18.8449, -115.9613



230.0370, -6.4272, -38.6204



174.5950, -76.7083, -36.4788



113.1190, -4.0027, -22.9064



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.



151.2250, -18.8449, -115.9613



162.9090, -23.1261, -142.8712



162.9670, 26.1453, -126.2591



108.0270, -0.9993, -6.1627



112.4320, -15.9890, -98.6029



30.6840, -4.2812, -26.9099

Inverse Universe

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



93.7750, 18.8449, 115.9613



92.0910, 23.1261, 142.8712



82.0330, -26.1453, 126.2591



104.9730, 0.9993, 6.1627



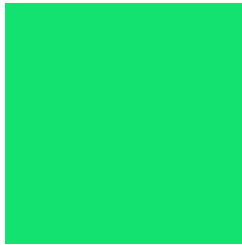
63.5680, 15.9890, 98.6029



17.3160, 4.2812, 26.9099

Previews

White Background



This preview shows how the YUV color 151.2250, -18.8449, -115.9613 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 151.2250, -18.8449, -115.9613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

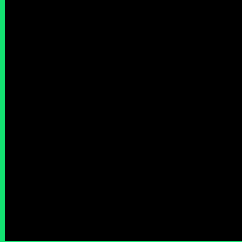
Any Text WCAG AA ✓ Pass

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 151.2250, -18.8449, -115.9613 Background



This preview shows how black text looks on a background with the YUV color 151.2250, -18.8449, -115.9613.

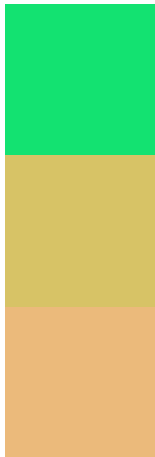


This preview shows how white text looks on a background with the YUV color 151.2250, -18.8449, -115.9613.

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

151.2250, -18.8449, -115.9613

Protanopia

190.3780, -43.5704, 21.5935

Deuteranopia

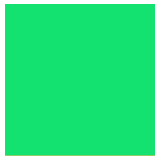
193.4690, -34.7412, 36.4227



Tritanopia

177.5630, 25.8514, -78.5468

Trichromacy



Original Color

151.2250, -18.8449, -115.9613



Protanomaly

176.0620, -34.5406, -28.1184



Deuteranomaly

178.1970, -29.1841, -19.4668



Tritanomaly

168.1210, 9.3073, -92.1911

Monochromacy



Original Color

151.2250, -18.8449, -115.9613



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

150.9010, -6.8532, -42.0092

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.2250, -18.8449, -115.9613 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(19, 226, 113)` looks like.

```
.text, #text, p{  
    color:rgb(19, 226, 113)  
}
```

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(19, 226, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 226, 113) }
```

Border

The CSS property to change the border of an element to YUV 151.2250, -18.8449, -115.9613 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(19, 226, 113) }
```


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

```
.border{ border-color:rgb(19, 226, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 226, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 226, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 226, 113);  
box-shadow:4px 4px 4px 4px rgb(19, 226,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 151.2250, -18.8449, -115.9613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 226, 113) }
```

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

```
.background{ background-color: rgb(19, 226,  
113) }
```

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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