

Converting Colors

YUV(149.3910, -67.7338,
-115.2299)

Have a look what the booklet for
YUV(149.3910, -67.7338, -115.2299)
contains.

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Color

**YUV(149.3910, -67.7338,
-115.2299)**

Conversions

Conversions Part 1

Format	Color
Hex	12F30C
RGB	18, 243, 12
RGB Percent	7%, 95%, 5%
CMY	0.9294, 0.0471, 0.9529
CMYK	0.93, 0.00, 0.95, 0.05
HSL	118°, 91%, 50%
HSV	118°, 95%, 95%
XYZ	32.3664, 64.2563, 11.0447
YIQ	149.3910, -59.9490, -119.5410

Conversions

Conversions Part 2

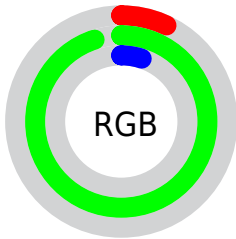
Format	Color
RYB	12, 243, 237
Decimal	1241868
CIELab	84.10, -82.30, 79.31
CIELCh	84, 114.298, 136.061
Yxy	64.2563, 0.3006, 0.5968
Android (android.graphics.Color)	4279431948 (0xFF12F30C)
YUV	149.3910, -67.7338, -115.2299
Hunter-Lab	80.1600, -68.2067, 47.9429

Details

The YUV color **149.3910, -67.7338, -115.2299** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **105.6090, 67.7338, 115.2299**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.8680, -50.7139, -67.4132**, and **108.5950, -53.5373, -95.2378** is the 20% darker color. If you saturate the color by 10%, you get **144.4350, -71.2065, -121.4075**, and if you desaturate by 10%, it is **159.3030, -60.7884, -102.8747**.

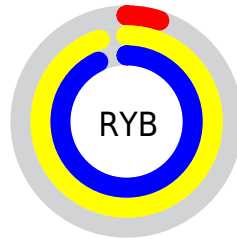
Distribution



Red (7%)

Green (95%)

Blue (5%)



Red (5%)

Yellow (95%)

Blue (93%)

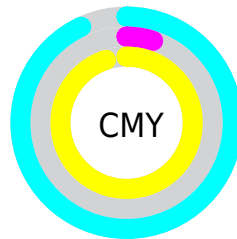


Cyan (93%)

Magenta (0%)

Yellow (95%)

Black (5%)



Cyan (93%)

Magenta (5%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.3910, -67.7338, -115.2299 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 149.3910, -67.7338, -115.2299 by changing the saturation by 10% instead.

■ 149.3910,
-67.7338, -115.2299

■ 149.3910,
-67.7338, -115.2299

■ 255.0000, 0.0000,
0.0000

■ 125.6180,
-61.9297, -110.1670

■ 195.8680,
-50.7139, -67.4132

■ 108.5950,
-53.5373, -95.2378

■ 209.7530,
-42.7692, -48.8954

■ 92.1590, -45.4344,
-80.8234

■ 222.9260,
-34.9665, -31.5071

■ 75.7230, -37.3314,
-66.4091

■ 236.2130,
-26.7270, -14.2188

■ 59.8740, -29.5179,
-52.5095

■ 249.0870,
-18.7769, 2.5547

■ 44.6120, -21.9937,
-39.1247

■ 253.4040, -6.1152,

■ 29.9370, -14.7589,

1.3997

-26.2547

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 149.3910,
-67.7338, -115.2299

■ 149.3910,
-67.7338, -115.2299

■ 144.4350,
-71.2065, -121.4075

■ 159.3030,
-60.7884, -102.8747

■ 169.0300,
-53.2588, -91.2343

■ 178.9420,
-46.3134, -78.8791

■ 188.8540,
-39.3680, -66.5240

■ 198.4670,
-32.2752, -54.7836

■ 208.4930,
-24.8930, -42.5284

■ 218.4050,
-17.9477, -30.1732

■ 228.0180,
-10.8549, -18.4328

■ 238.0440, -3.4727,
-6.1776

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



149.3910, -67.7338, -115.2299



166.0670, -5.9490, -145.6408

Triad

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



149.3910, -67.7338, -115.2299



168.1890, 42.7978, -147.5018



132.2980, 12.1781, 107.6097

Complementary

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



149.3910, -67.7338, -115.2299



105.6090, 67.7338, 115.2299

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.



150.5140, 51.5116, 91.6342



149.3910, -67.7338, -115.2299



148.8180, 52.3477, -130.5134

Square

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



149.3910, -67.7338, -115.2299



176.9940, 38.4570, -155.2237



192.1910, 30.9648, 55.0835



158.7280, -54.0959, 84.4305

Rectangle

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



149.3910, -67.7338, -115.2299



175.9050, 26.6688, -154.2687



192.1910, 30.9648, 55.0835



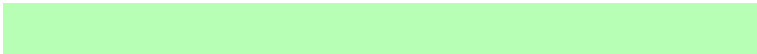
129.3580, 31.3755, 110.1880

Sweetspot

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



149.3910, -67.7338, -115.2299



225.0360, -21.7097, -36.8656



211.9700, -98.5852, 27.2133



109.7140, -13.1700, -22.5512



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.



149.3910, -67.7338, -115.2299



151.7780, -74.8266, -126.9703



159.9090, -19.6751, -129.7162



117.0440, -3.4727, -6.1776



110.6770, -54.5638, -92.6787



35.2310, -17.3689, -29.1436

Inverse Universe

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



105.6090, 67.7338, 115.2299



103.2220, 74.8266, 126.9703



95.0910, 19.6751, 129.7162



114.9560, 3.4727, 6.1776



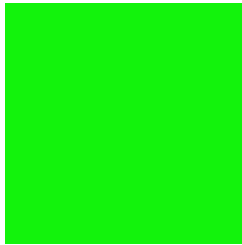
75.3230, 54.5638, 92.6787



23.7690, 17.3689, 29.1436

Previews

White Background



This preview shows how the YUV color 149.3910, -67.7338, -115.2299 looks on a white background.

Color Contrast Check

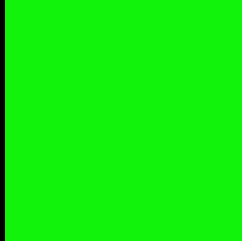
Large Text (above 18pt) WCAG AA × Fail

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 149.3910, -67.7338, -115.2299 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

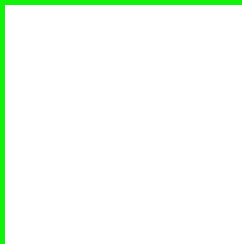
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.3910, -67.7338, -115.2299 Background



This preview shows how black text looks on a background with the YUV color 149.3910, -67.7338, -115.2299.

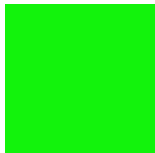


This preview shows how white text looks on a background with the YUV color 149.3910, -67.7338, -115.2299.

Color Blindness Simulation

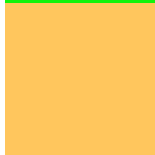
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



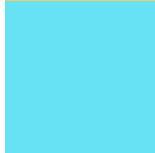
Original Color

149.3910, -67.7338, -115.2299



Deuteranopia

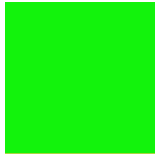
203.0730, -54.2660, 45.5400



Tritanopia

191.2750, 25.9934, -77.4172

Trichromacy



Original Color

149.3910, -67.7338, -115.2299



Deuteranomaly

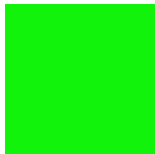
183.4450, -58.8864, -12.6683



Tritanomaly

175.9520, -7.8643, -91.1659

Monochromacy



Original Color

149.3910, -67.7338, -115.2299



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

148.9060, -24.6037, -42.0136

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.3910, -67.7338, -115.2299 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(18, 243, 12)` looks like.

```
.text, #text, p{  
    color:rgb(18, 243, 12)  
}
```

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(18, 243, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 243, 12) }
```

Border

The CSS property to change the border of an element to YUV 149.3910, -67.7338, -115.2299 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(18, 243, 12) }
```

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

```
.border{ border-color:rgb(18, 243, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 243, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 243, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 243, 12);  
box-shadow:4px 4px 4px 4px rgb(18, 243,  
12) }
```


Background

The CSS property to change the background color of an element to YUV 149.3910, -67.7338, -115.2299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 243, 12) }
```

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

```
.background{ background-color: rgb(18, 243,  
12) }
```

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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