

Converting Colors

YUV(149.6570, -47.6519,
-116.3402)

Have a look what the booklet for
YUV(149.6570, -47.6519, -116.3402)
contains.

YUV(149.6570, -47.6519, -116.3402)	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(149.6570, -47.6519,
-116.3402)**

Conversions

Conversions Part 1

Format	Color
Hex	11EC35
RGB	17, 236, 53
RGB Percent	7%, 93%, 21%
CMY	0.9333, 0.0745, 0.7922
CMYK	0.93, 0.00, 0.78, 0.07
HSL	130°, 87%, 50%
HSV	130°, 93%, 93%
XYZ	30.8692, 60.3671, 13.3932
YIQ	149.6570, -71.7810, -103.3410

Conversions

Conversions Part 2

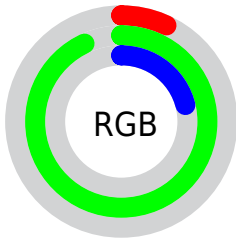
Format	Color
RYB	17, 205, 236
Decimal	1174581
CIELab	82.04, -78.89, 69.56
CIELCh	82, 105.177, 138.593
Yxy	60.3671, 0.2950, 0.5770
Android (android.graphics.Color)	4279364661 (0xFF11EC35)
YUV	149.6570, -47.6519, -116.3402
Hunter-Lab	77.6963, -65.0493, 44.1670




Details

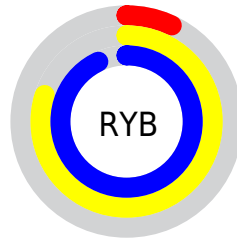
The YUV color **149.6570, -47.6519, -116.3402** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **103.3430, 47.6519, 116.3402**, and the grayscale version is **150.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **197.2510, -41.5357, -71.2571**, and **104.4860, -51.5116, -91.6342** is the 20% darker color. If you saturate the color by 10%, you get **142.9780, -51.2612, -125.3917**, and if you desaturate by 10%, it is **159.1130, -42.4537, -103.5851**.

Distribution







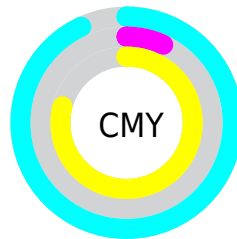
-  Red (7%)
-  Green (93%)
-  Blue (21%)






-  Red (7%)
-  Yellow (80%)
-  Blue (93%)



-  Cyan (93%)
-  Magenta (0%)
-  Yellow (78%)
-  Black (7%)



-  Cyan (93%)
-  Magenta (7%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.6570, -47.6519, -116.3402 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 149.6570, -47.6519, -116.3402 by changing the saturation by 10% instead.

■ 149.6570,
-47.6519, -116.3402

■ 149.6570,
-47.6519, -116.3402

255.0000, 0.0000,
0.0000

■ 122.4210,
-56.4096, -107.3632

■ 197.2510,
-41.5357, -71.2571

■ 104.4860,
-51.5116, -91.6342

■ 210.6090,
-34.3172, -53.1541

■ 88.0500, -43.4087,
-77.2198

■ 223.7820,
-26.5145, -35.7658

■ 72.2010, -35.5951,
-63.3203

■ 236.6560,
-18.5644, -18.9923

■ 56.3520, -27.7815,
-49.4207

■ 249.5300,
-10.6143, -2.2188

■ 41.6770, -20.5468,
-36.5507

■ 26.4150, -13.0226,

-23.1660

■ 8.2180, -4.0515,
-7.2072

■ 0.0000, 0.0000,
0.0000

■ 149.6570,
-47.6519, -116.3402

■ 149.6570,
-47.6519, -116.3402

■ 142.9780,
-51.2612, -125.3917

■ 159.1130,
-42.4537, -103.5851

■ 168.1560,
-37.5449, -91.3448

■ 177.6120,
-32.3467, -78.5897

■ 186.7690,
-27.0011, -66.4494

■ 196.2250,
-21.8029, -53.6943

■ 205.5670,
-17.0415, -40.8393

■ 214.7240,
-11.6959, -28.6989

■ 224.1800, -6.4977,
-15.9439

■ 233.2230, -1.5889,
-3.7036

Harmonies

Analogous

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



184.1780, -90.7998, 3.3519



149.6570, -47.6519, -116.3402



162.2830, -0.1395, -142.3222

Triad

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



149.6570, -47.6519, -116.3402



162.3190, 45.6917, -142.3538



144.7730, 1.5909, 96.6691

Complementary

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



149.6570, -47.6519, -116.3402



103.3430, 47.6519, 116.3402

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.



156.5320, 44.1077, 86.3564



149.6570, -47.6519, -116.3402



169.2490, 42.2752, -73.0094

Square

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



149.6570, -47.6519, -116.3402



171.7110, 41.0615, -150.5905



189.8430, 32.1224, 57.1427



163.6520, -55.5374, 80.1122

Rectangle

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



149.6570, -47.6519, -116.3402



171.3230, 29.4208, -150.2503



189.8430, 32.1224, 57.1427



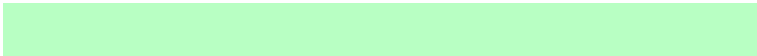
142.5510, 18.4624, 98.6178

Sweetspot

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



149.6570, -47.6519, -116.3402



226.9310, -15.7420, -37.6505



201.1670, -90.7943, 1.6075



110.6260, -9.6756, -23.3510



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.



149.6570, -47.6519, -116.3402



154.4730, -55.4492, -135.4728



161.7410, -1.3513, -126.9379



112.5710, -2.7465, -5.7628



109.6670, -39.2758, -96.1780



32.7240, -11.6959, -28.6989

Inverse Universe

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



103.3430, 47.6519, 116.3402



100.5270, 55.4492, 135.4728



91.2590, 1.3513, 126.9379



110.3150, 2.3097, 5.8627



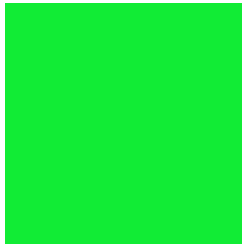
71.3330, 39.2758, 96.1780



21.2760, 11.6959, 28.6989

Previews

White Background



This preview shows how the YUV color 149.6570, -47.6519, -116.3402 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 149.6570, -47.6519, -116.3402 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 149.6570, -47.6519, -116.3402 Background



This preview shows how black text looks on a background with the YUV color 149.6570, -47.6519, -116.3402.

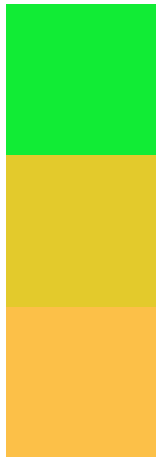


This preview shows how white text looks on a background with the YUV color 149.6570, -47.6519, -116.3402.

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

149.6570, -47.6519, -116.3402

Protanopia

191.4630, -72.6993, 31.1659

Deuteranopia

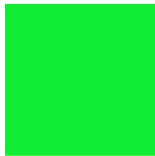
196.2600, -61.2602, 48.8840



Tritanopia

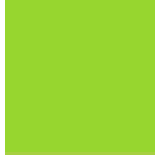
185.8730, 25.6986, -76.1876

Trichromacy



Original Color

149.6570, -47.6519, -116.3402



Protanomaly

176.1250, -63.6586, -22.0346



Deuteranomaly

179.4390, -56.4184, -10.9090



Tritanomaly

172.7870, -0.8810, -91.0212

Monochromacy



Original Color

149.6570, -47.6519, -116.3402



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.8550, -17.1835, -41.9688

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.6570, -47.6519, -116.3402 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(17, 236, 53)` looks like.

```
.text, #text, p{  
    color:rgb(17, 236, 53)  
}
```

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(17, 236, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 236, 53) }
```

Border

The CSS property to change the border of an element to YUV 149.6570, -47.6519, -116.3402 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(17, 236, 53) }
```


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

```
.border{ border-color:rgb(17, 236, 53) }
```

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

Here you see how a box with a 4 pixel rgb(17, 236, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 236, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 236, 53);  
box-shadow:4px 4px 4px 4px rgb(17, 236,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 149.6570, -47.6519, -116.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 236, 53) }
```

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

```
.background{ background-color: rgb(17, 236,  
53) }
```

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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