

Converting Colors

YUV(149.1510, -73.5314,
-75.5544)

Have a look what the booklet for
YUV(149.1510, -73.5314, -75.5544)
contains.

YUV(149.1510, -73.5314, -75.5544)	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(149.1510, -73.5314,
-75.5544)**

Conversions

Conversions Part 1

Format	Color
Hex	3FDE00
RGB	63, 222, 0
RGB Percent	25%, 87%, 0%
CMY	0.7529, 0.1294, 1.0000
CMYK	0.72, 0.00, 1.00, 0.13
HSL	103°, 100%, 44%
HSV	103°, 100%, 87%
XYZ	28.1712, 53.2993, 8.8030
YIQ	149.1510, -23.5020, -102.7500

Conversions

Conversions Part 2

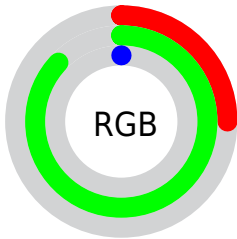
Format	Color
RYB	0, 222, 159
Decimal	4185600
CIELab	78.05, -72.02, 75.68
CIELCh	78, 104.472, 133.584
Yxy	53.2993, 0.3121, 0.5904
Android (android.graphics.Color)	4282375680 (0xFF3FDE00)
YUV	149.1510, -73.5314, -75.5544
Hunter-Lab	73.0064, -58.8829, 43.9553

Details

The YUV color **149.1510, -73.5314, -75.5544** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **72.8490, 73.5314, 75.5544**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.5550, -55.9826, -57.4917**, and **96.8550, -47.7495, -84.9418** is the 20% darker color. If you saturate the color by 10%, you get **149.1510, -73.5314, -75.5544**, and if you desaturate by 10%, it is **156.4430, -66.2804, -67.9175**.

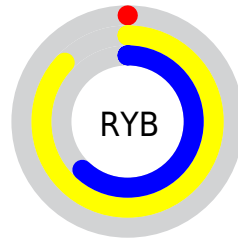
Distribution



Red (25%)

Green (87%)

Blue (0%)



Red (0%)

Yellow (87%)

Blue (62%)

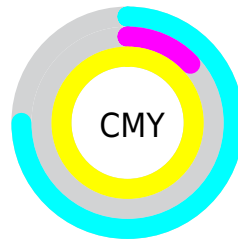


Cyan (72%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (75%)

Magenta (13%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.1510, -73.5314, -75.5544 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 149.1510, -73.5314, -75.5544 by changing the saturation by 10% instead.

■ 149.1510,
-73.5314, -75.5544

■ 149.1510,
-73.5314, -75.5544

■ 255.0000, 0.0000,
0.0000

■ 113.2910,
-55.8525, -99.3562

■ 199.5550,
-55.9826, -57.4917

■ 96.8550, -47.7495,
-84.9418

■ 212.4290,
-48.0325, -40.7182

■ 81.0060, -39.9360,
-71.0423

■ 225.0040,
-39.9350, -24.5595

■ 65.1570, -32.1224,
-57.1427

■ 237.8780,
-31.9849, -7.7860

■ 49.8950, -24.5982,
-43.7579

■ 249.0720,
-22.7135, 5.1989

■ 35.8070, -17.6529,
-31.4027

■ 252.3780,

■ 20.5450, -10.1287,

-10.0464, 2.2995

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 149.1510,
-73.5314, -75.5544

■ 156.4430,
-66.2804, -67.9175

■ 163.7350,
-59.0294, -60.2806

■ 171.1410,
-51.3415, -52.7437

■ 178.4330,
-44.0905, -45.1067

■ 185.7250,
-36.8394, -37.4698

■ 192.7180,
-29.4410, -30.4477

■ 200.0100,
-22.1899, -22.8108

■ 207.4160,
-14.5021, -15.2738

■ 214.7080, -7.2510,
-7.6369

Harmonies

Analogous

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



176.5690, -87.0485, 13.5330



149.1510, -73.5314, -75.5544



151.4600, -8.6078, -132.8304

Triad

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



149.1510, -73.5314, -75.5544



157.6230, 48.0069, -138.2354



132.5430, 10.5783, 107.3948

Complementary

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



149.1510, -73.5314, -75.5544



72.8490, 73.5314, 75.5544

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.



153.4660, 47.5913, 89.0453



149.1510, -73.5314, -75.5544



140.6000, 56.3992, -123.3062

Square

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



149.1510, -73.5314, -75.5544



165.2540, 44.2448, -144.9278



187.4620, 33.2962, 53.9688



152.8240, -46.2552, 89.6084

Rectangle

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



149.1510, -73.5314, -75.5544



160.3860, 20.5157, -140.6585



187.4620, 33.2962, 53.9688



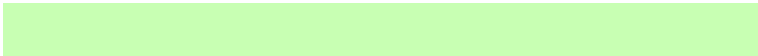
132.6690, 26.2922, 107.2843

Sweetspot

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



149.1510, -73.5314, -75.5544



229.8910, -25.0893, -26.2144



157.3630, -77.5800, 56.6866



112.8890, -15.2283, -15.6887



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.



149.1510, -73.5314, -75.5544



171.2130, -84.4080, -87.0098



135.3300, -45.0257, -118.6844



108.3540, -3.6255, -3.8185



118.2620, -58.3032, -59.8658



32.3620, -15.9545, -16.1035

Inverse Universe

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



72.8490, 73.5314, 75.5544



83.7870, 84.4080, 87.0098



86.6700, 45.0257, 118.6844



104.6460, 3.6255, 3.8185



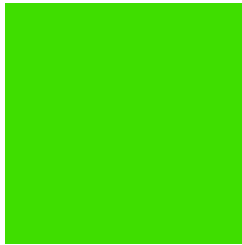
57.7380, 58.3032, 59.8658



15.9370, 15.8071, 16.7183

Previews

White Background



This preview shows how the YUV color 149.1510, -73.5314, -75.5544 looks on a white background.

Color Contrast Check

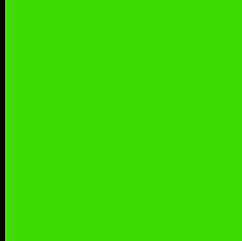
Large Text (above 18pt) WCAG AA × Fail

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 149.1510, -73.5314, -75.5544 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 149.1510, -73.5314, -75.5544 Background



This preview shows how black text looks on a background with the YUV color 149.1510, -73.5314, -75.5544.



This preview shows how white text looks on a background with the YUV color 149.1510, -73.5314, -75.5544.

-75.5544.

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

149.1510, -73.5314, -75.5544

Protanopia

177.2880, -87.4030, 33.9504

Deuteranopia

183.3650, -67.2279, 49.6689



Tritanopia

178.9350, 21.7240, -61.3330

Trichromacy



Original Color

149.1510, -73.5314, -75.5544



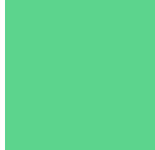
Protanomaly

167.0010, -82.3315, -6.1399



Deuteranomaly

171.0960, -69.5603, 4.3008



Tritanomaly

168.1400, -12.8870, -66.7748

Monochromacy



Original Color

149.1510, -73.5314, -75.5544



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.4240, -26.8310, -27.5588

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.1510, -73.5314, -75.5544 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(63, 222, 0)` looks like.

```
.text, #text, p{  
    color:rgb(63, 222, 0)  
}
```

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(63, 222, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 222, 0) }
```

Border

The CSS property to change the border of an element to YUV 149.1510, -73.5314, -75.5544 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(63, 222, 0) }
```


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

```
.border{ border-color:rgb(63, 222, 0) }
```

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

Here you see how a box with a 4 pixel rgb(63, 222, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 222, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 222, 0);  
box-shadow:4px 4px 4px 4px rgb(63, 222, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 149.1510, -73.5314, -75.5544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 222, 0) }
```

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

```
.background{ background-color: rgb(63, 222,  
0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor