

# Converting Colors

YUV(118.3540, -41.0935,  
-73.1015)

Have a look what the booklet for  
YUV(118.3540, -41.0935, -73.1015)  
contains.

<b>YUV(118.3540, -41.0935, -73.1015)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(118.3540, -41.0935,  
-73.1015)**

# Conversions

## Conversions Part 1

Format	Color
Hex	23B123
RGB	35, 177, 35
RGB Percent	14%, 69%, 14%
CMY	0.8627, 0.3059, 0.8627
CMYK	0.80, 0.00, 0.80, 0.31
HSL	120°, 67%, 42%
HSV	120°, 80%, 69%
XYZ	16.7186, 31.9230, 6.8707
YIQ	118.3540, -39.0500, -74.2660

# Conversions

## Conversions Part 2

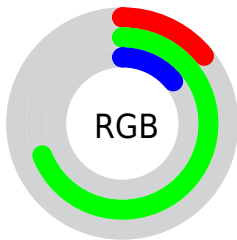
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 177, 177
Decimal	2339107
CIELab	63.28, -61.57, 57.06
CIELCh	63, 83.948, 137.175
Yxy	31.9230, 0.3012, 0.5751
Android (android.graphics.Color)	4280529187 (0xFF23B123)
YUV	118.3540, -41.0935, -73.1015
Hunter-Lab	56.5004, -46.0570, 32.3404

# Details

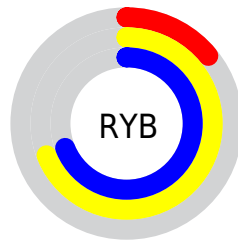
The YUV color **118.3540, -41.0935, -73.1015** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **93.6460, 41.0935, 73.1015**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.8390, -43.3046, -63.8798**, and **72.2010, -35.5951, -63.3203** is the 20% darker color. If you saturate the color by 10%, you get **110.9200, -46.3026, -82.3678**, and if you desaturate by 10%, it is **125.7880, -35.8845, -63.8351**.

# Distribution



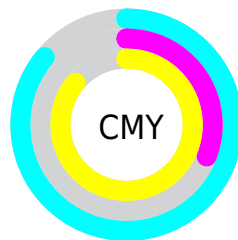
- Red (14%)
- Green (69%)
- Blue (14%)



- Red (14%)
- Yellow (69%)
- Blue (69%)



- Cyan (80%)
- Magenta (0%)
- Yellow (80%)
- Black (31%)



- Cyan (86%)
- Magenta (31%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 118.3540, -41.0935, -73.1015 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 118.3540, -41.0935, -73.1015 by changing the saturation by 10% instead.



■ 118.3540,  
-41.0935, -73.1015

■ 118.3540,  
-41.0935, -73.1015

■ 255.0000, 0.0000,  
0.0000

■ 88.0500, -43.4087,  
-77.2198

■ 179.8390,  
-43.3046, -63.8798

■ 72.2010, -35.5951,  
-63.3203

■ 204.5130,  
-42.1579, -58.3319

■ 56.9390, -28.0709,  
-49.9355

■ 216.5610,  
-34.7866, -42.5880

■ 41.6770, -20.5468,  
-36.5507

■ 228.7230,  
-26.9784, -26.9441

■ 28.7630, -14.1802,  
-25.2252

■ 240.9990,  
-18.7335, -11.4001

■ 11.7400, -5.7878,  
-10.2960

■ 252.3780,

■ 0.0000, 0.0000,

-10.0464, 2.2995

0.0000

■ 118.3540,  
-41.0935, -73.1015

■ 118.3540,  
-41.0935, -73.1015

■ 110.9200,  
-46.3026, -82.3678

■ 125.7880,  
-35.8845, -63.8351

■ 103.8990,  
-51.2222, -91.1194

■ 132.8090,  
-30.9648, -55.0835

■ 140.2430,  
-25.7558, -45.8171

■ 147.6770,  
-20.5468, -36.5507

■ 154.6980,  
-15.6271, -27.7991

■ 162.1320,  
-10.4181, -18.5328

■ 169.5660, -5.2090,  
-9.2664

■ 177.0000, 0.0000,  
0.0000

■ 184.0210, 4.9196,  
8.7516

# Harmonies

## Analogous

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



139.0360, -68.5447, 5.2304



118.3540, -41.0935, -73.1015



121.3460, -2.1426, -106.4204

# Triad

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



118.3540, -41.0935, -73.1015



129.4470, 61.8976, -113.5250



127.3960, -6.6042, 111.9087

# Complementary

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



118.3540, -41.0935, -73.1015



93.6460, 41.0935, 73.1015

# 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.



138.2940, 24.9981, 102.3512



118.3540, -41.0935, -73.1015



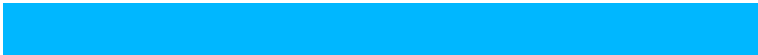
129.7110, 61.7675, -71.6605

# Square

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



118.3540, -41.0935, -73.1015



136.4910, 58.4249, -119.7026



155.8320, 48.8898, 45.7513



140.9070, -48.7612, 100.0596



# Rectangle

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



118.3540, -41.0935, -73.1015



128.5620, 20.4289, -112.7489



155.8320, 48.8898, 45.7513



127.3110, 5.7627, 111.9833

# Sweetspot

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



118.3540, -41.0935, -73.1015



206.8720, -16.2059, -28.8287



160.8120, -62.0253, 14.1969



100.9580, -9.8393, -17.5032



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



118.3540, -41.0935, -73.1015



138.7270, -63.9554, -113.7706



126.4480, -10.0809, -80.1999



85.2830, -2.6045, -4.6332



89.8110, -44.2768, -78.7642



15.2620, -7.5242, -13.3848



# Inverse Universe

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



93.6460, 41.0935, 73.1015



100.2730, 63.9554, 113.7706



85.5520, 10.0809, 80.1999



83.7170, 2.6045, 4.6332



63.1890, 44.2768, 78.7642

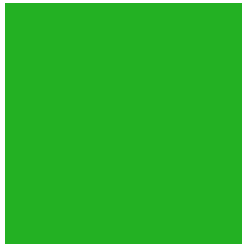


10.7380, 7.5242, 13.3848



# Previews

## White Background



This preview shows how the YUV color 118.3540, -41.0935, -73.1015 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 118.3540, -41.0935, -73.1015 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 118.3540, -41.0935, -73.1015 Background



This preview shows how black text looks on a background with the YUV color 118.3540, -41.0935, -73.1015.



This preview shows how white text looks on a background with the YUV color 118.3540, -41.0935, -73.1015.

-73.1015.

# 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

118.3540, -41.0935, -73.1015

### Protanopia

143.6590, -56.5269, 23.9781

### Deuteranopia

147.1520, -47.4029, 37.5777



## Tritanopia

141.0670, 18.2080, -53.5558

# Trichromacy



## Original Color

118.3540, -41.0935, -73.1015



## Protanomaly

134.5190, -51.0349, -10.9792



## Deuteranomaly

136.7680, -45.2416, -2.4275



## Tritanomaly

132.7030, -3.3046, -60.2525

# Monochromacy



## Original Color

118.3540, -41.0935, -73.1015



## Achromatopsia

118.0000, 0.0000, 0.0000



## Achromatomaly

117.9370, -14.7589, -26.2547

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 118.3540, -41.0935, -73.1015 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(35, 177, 35)` looks like.

```
.text, #text, p{  
    color:rgb(35, 177, 35)  
}
```

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(35, 177, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 177, 35) }
```

## Border

The CSS property to change the border of an element to YUV 118.3540, -41.0935, -73.1015 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(35, 177, 35) }
```



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

```
.border{ border-color:rgb(35, 177, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 177, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 177, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 177, 35);  
box-shadow:4px 4px 4px 4px rgb(35, 177,  
35) }
```

# Background

The CSS property to change the background color of an element to YUV 118.3540, -41.0935, -73.1015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 177, 35) }
```

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

```
.background{ background-color: rgb(35, 177,  
35) }
```

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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