

Converting Colors

YUV(115.4120, -18.9371,
-86.3073)

Have a look what the booklet for
YUV(115.4120, -18.9371, -86.3073)
contains.

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Color

**YUV(115.4120, -18.9371,
-86.3073)**

Conversions

Conversions Part 1

Format	Color
Hex	11AD4D
RGB	17, 173, 77
RGB Percent	7%, 68%, 30%
CMY	0.9333, 0.3216, 0.6980
CMYK	0.90, 0.00, 0.55, 0.32
HSL	143°, 82%, 37%
HSV	143°, 90%, 68%
XYZ	16.5143, 30.5421, 12.0460
YIQ	115.4120, -62.1600, -62.9280

Conversions

Conversions Part 2

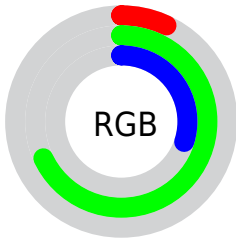
Format	Color
RYB	17, 130, 173
Decimal	1158477
CIELab	62.12, -57.72, 38.68
CIElCh	62, 69.477, 146.174
Yxy	30.5421, 0.2794, 0.5168
Android (android.graphics.Color)	4279348557 (0xFF11AD4D)
YUV	115.4120, -18.9371, -86.3073
Hunter-Lab	55.2649, -43.3742, 25.7621

Details

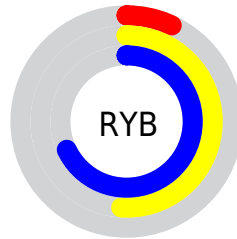
The YUV color **115.4120, -18.9371, -86.3073** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **74.5880, 18.9371, 86.3073**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.6050, -24.9483, -71.5676**, and **72.9310, -22.6440, -63.9605** is the 20% darker color. If you saturate the color by 10%, you get **109.1890, -20.7992, -95.7588**, and if you desaturate by 10%, it is **121.7490, -16.6383, -76.9559**.

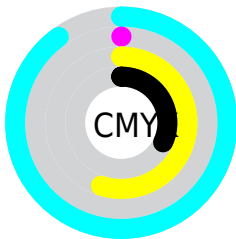
Distribution



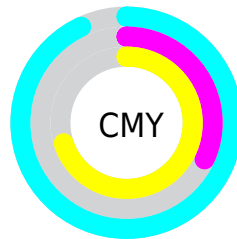
- Red (7%)
- Green (68%)
- Blue (30%)



- Red (7%)
- Yellow (51%)
- Blue (68%)



- Cyan (90%)
- Magenta (0%)
- Yellow (55%)
- Black (32%)



- Cyan (93%)
- Magenta (32%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.4120, -18.9371, -86.3073 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 115.4120, -18.9371, -86.3073 by changing the saturation by 10% instead.

■ 115.4120,
-18.9371, -86.3073

■ 115.4120,
-18.9371, -86.3073

■ 255.0000, 0.0000,
0.0000

■ 91.6300, -19.5376,
-80.3595

■ 178.6050,
-24.9483, -71.5676

■ 72.9310, -22.6440,
-63.9605

■ 205.3280,
-24.8117, -68.6937

■ 54.5910, -26.9134,
-47.8763

■ 217.3760,
-17.4404, -52.9498

■ 39.9160, -19.6786,
-35.0063

■ 229.5380, -9.6322,
-37.3058

■ 26.4150, -13.0226,
-23.1660

■ 241.8140, -1.3873,
-21.7619

■ 8.2180, -4.0515,
-7.2072

■ 252.9070, 1.0318,

■ 0.0000, 0.0000,

-4.3034

0.0000

■ 115.4120,
-18.9371, -86.3073

■ 115.4120,
-18.9371, -86.3073

■ 109.1890,
-20.7992, -95.7588

■ 121.7490,
-16.6383, -76.9559

■ 128.2710,
-14.9236, -66.8897

■ 134.6080,
-12.6247, -57.5382

■ 140.9450,
-10.3259, -48.1868

■ 147.4670, -8.6112,
-38.1206

■ 153.8040, -6.3124,
-28.7691

■ 160.1410, -4.0135,
-19.4177

■ 166.3640, -2.1515,
-9.9662

■ 173.0000, 0.0000,
0.0000

Harmonies

Analogous

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



135.2500, -59.7762, -7.2352



115.4120, -18.9371, -86.3073



120.4460, 9.6401, -105.6311

Triad

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



115.4120, -18.9371, -86.3073



122.9900, 65.0809, -107.8622



142.8230, -21.1117, 98.3792

Complementary

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



115.4120, -18.9371, -86.3073



74.5880, 18.9371, 86.3073

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.



145.6680, 7.5587, 95.8842



115.4120, -18.9371, -86.3073



149.2560, 52.1318, -14.2565

Square

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



115.4120, -18.9371, -86.3073



130.2790, 60.0085, -114.2547



153.0600, 33.0014, 55.1984



144.2370, -49.4168, 76.9682

Rectangle

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



115.4120, -18.9371, -86.3073



125.9350, 28.1330, -110.4450



153.0600, 33.0014, 55.1984



141.5810, -10.6394, 99.4685

Sweetspot

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



115.4120, -18.9371, -86.3073



201.8420, -7.3171, -33.1874



137.2760, -59.2961, -21.2901



98.7280, -4.3029, -19.9325



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



115.4120, -18.9371, -86.3073



141.2920, -27.2590, -123.9131



124.3040, 15.1331, -94.1056



83.6250, -1.2941, -4.9331



94.6620, -18.0744, -83.0186



14.5270, -2.7248, -12.7402

Inverse Universe

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



74.5880, 18.9371, 86.3073



82.7080, 27.2590, 123.9131



65.6960, -15.1331, 94.1056



81.2610, 0.8573, 5.0331



55.4520, 18.5112, 82.9186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 115.4120, -18.9371, -86.3073 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 115.4120, -18.9371, -86.3073 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 115.4120, -18.9371, -86.3073 Background



This preview shows how black text looks on a background with the YUV color 115.4120, -18.9371, -86.3073.



This preview shows how white text looks on a background with the YUV color 115.4120, -18.9371, -86.3073.

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

115.4120, -18.9371, -86.3073

Protanopia

144.6640, -37.3024, 17.8347

Deuteranopia

147.1630, -30.6464, 29.6750



Tritanopia

136.3760, 19.5346, -59.0888

Trichromacy



Original Color

115.4120, -18.9371, -86.3073



Protanomaly

134.1430, -30.6365, -20.2964



Deuteranomaly

135.3380, -26.2956, -12.5744



Tritanomaly

128.9390, 5.4531, -69.2295

Monochromacy



Original Color

115.4120, -18.9371, -86.3073



Achromatopsia

115.0000, 0.0000, 0.0000



Achromatomaly

114.9670, -6.8857, -31.5431

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.4120, -18.9371, -86.3073 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, 173, 77)` looks like.

```
.text, #text, p{  
    color:rgb(17, 173, 77)  
}
```

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, 173, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 173, 77) }
```

Border

The CSS property to change the border of an element to YUV 115.4120, -18.9371, -86.3073 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, 173, 77) }
```


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

```
.border{ border-color:rgb(17, 173, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 173, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 173, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 173, 77);  
box-shadow:4px 4px 4px 4px rgb(17, 173,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 115.4120, -18.9371, -86.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 173, 77) }
```

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

```
.background{ background-color: rgb(17, 173,  
77) }
```

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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