

Converting Colors

YUV(118.8320, -5.8332,
-89.3067)

Have a look what the booklet for
YUV(118.8320, -5.8332, -89.3067)
contains.

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Color

**YUV(118.8320, -5.8332,
-89.3067)**

Conversions

Conversions Part 1

Format	Color
Hex	11AD6B
RGB	17, 173, 107
RGB Percent	7%, 68%, 42%
CMY	0.9333, 0.3216, 0.5804
CMYK	0.90, 0.00, 0.38, 0.32
HSL	155°, 82%, 37%
HSV	155°, 90%, 68%
XYZ	17.8286, 31.0678, 18.9670
YIQ	118.8320, -71.7900, -53.5980

Conversions

Conversions Part 2

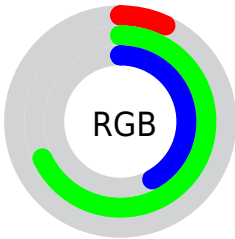
Format	Color
RYB	17, 116, 173
Decimal	1158507
CIELab	62.56, -52.42, 23.76
CIELCh	63, 57.557, 155.619
Yxy	31.0678, 0.2627, 0.4578
Android (android.graphics.Color)	4279348587 (0xFF11AD6B)
YUV	118.8320, -5.8332, -89.3067
Hunter-Lab	55.7385, -40.4473, 18.8415

Details

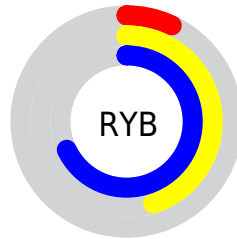
The YUV color **118.8320, -5.8332, -89.3067** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **71.1680, 5.8332, 89.3067**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.8400, -11.2601, -75.2817**, and **76.5790, -8.6664, -67.1598** is the 20% darker color. If you saturate the color by 10%, you get **112.9510, -6.3848, -99.0580**, and if you desaturate by 10%, it is **124.7130, -5.2815, -79.5553**.

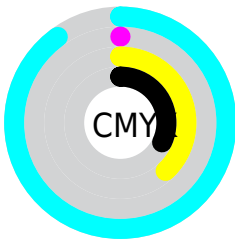
Distribution



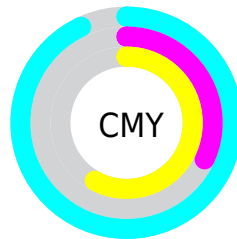
- Red (7%)
- Green (68%)
- Blue (42%)



- Red (7%)
- Yellow (45%)
- Blue (68%)



- Cyan (90%)
- Magenta (0%)
- Yellow (38%)
- Black (32%)



- Cyan (93%)
- Magenta (32%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.8320, -5.8332, -89.3067 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 118.8320, -5.8332, -89.3067 by changing the saturation by 10% instead.

■ 118.8320, -5.8332,
-89.3067

■ 118.8320, -5.8332,
-89.3067

■ 255.0000, 0.0000,
0.0000

■ 95.0500, -6.4336,
-83.3589

■ 181.8400,
-11.2601, -75.2817

■ 76.5790, -8.6664,
-67.1598

■ 208.8620,
-11.2710, -71.7930

■ 58.6950, -11.1886,
-51.4755

■ 221.0240, -3.4628,
-56.1490

■ 41.5120, -13.5634,
-36.4060

■ 232.8870, 4.4927,
-41.1199

■ 27.0020, -13.3120,
-23.6808

■ 243.3390, 5.7489,
-23.9763

■ 9.3920, -4.6303,
-8.2368

■ 252.6080, 1.1793,

■ 0.0000, 0.0000,

-4.9182

0.0000

■ 118.8320, -5.8332,
-89.3067

■ 118.8320, -5.8332,
-89.3067

■ 112.9510, -6.3848,
-99.0580

■ 124.7130, -5.2815,
-79.5553

■ 131.0070, -4.4405,
-69.2891

■ 136.8880, -3.8888,
-59.5378

■ 142.7690, -3.3371,
-49.7864

■ 149.0630, -2.4961,
-39.5203

■ 154.9440, -1.9444,
-29.7689

■ 160.8250, -1.3927,
-20.0175

■ 166.8200, -0.4043,
-10.3661

■ 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.



138.7210, -37.3305, -19.9263



118.8320, -5.8332, -89.3067



121.5520, 18.9549, -106.6011

Triad

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



118.8320, -5.8332, -89.3067



136.5820, 57.3941, -68.9164



149.2090, -26.7250, 78.7467

Complementary

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



118.8320, -5.8332, -89.3067



71.1680, 5.8332, 89.3067

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.



150.4200, -3.1651, 82.0697



118.8320, -5.8332, -89.3067



155.0820, 39.3996, 9.5751

Square

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



118.8320, -5.8332, -89.3067



126.4320, 57.9610, -110.8809



154.5260, 19.4607, 58.2977



147.8430, -45.2786, 56.2657

Rectangle

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



118.8320, -5.8332, -89.3067



125.4280, 33.8060, -110.0004



154.5260, 19.4607, 58.2977



149.1800, -19.3157, 82.2801

Sweetspot

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



118.8320, -5.8332, -89.3067



203.2100, -2.0755, -34.3872



128.9040, -55.1687, -38.5038



99.5260, -1.2453, -20.6323



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.



118.8320, -5.8332, -89.3067



146.1940, -8.4766, -128.2121



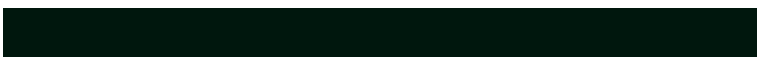
120.4860, 25.8894, -90.7572



83.8530, -0.4205, -5.1331



97.9680, -5.4072, -85.9179



14.9830, -0.9776, -13.1401

Inverse Universe

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



71.1680, 5.8332, 89.3067



77.8060, 8.4766, 128.2121



69.5140, -25.8894, 90.7572



81.1470, 0.4205, 5.1331



52.1460, 5.8440, 85.8180



8.0170, 0.9776, 13.1401

Previews

White Background



This preview shows how the YUV color 118.8320, -5.8332, -89.3067 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 118.8320, -5.8332, -89.3067 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 118.8320, -5.8332, -89.3067

Background



This preview shows how black text looks on a background with the YUV color 118.8320, -5.8332, -89.3067.



This preview shows how white text looks on a background with the YUV color 118.8320, -5.8332, -89.3067.

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

118.8320, -5.8332, -89.3067

Protanopia

147.9590, -24.6298, 13.1910

Deuteranopia

150.4470, -17.9684, 23.2870



Tritanopia

135.6960, 20.8559, -62.8774

Trichromacy



Original Color

118.8320, -5.8332, -89.3067



Protanomaly

137.1500, -17.8220, -23.8106



Deuteranomaly

139.2200, -13.9125, -17.7329



Tritanomaly

129.4100, 11.1369, -72.2736

Monochromacy



Original Color

118.8320, -5.8332, -89.3067



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

119.2210, -2.0810, -32.6428

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.8320, -5.8332, -89.3067 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, 107)` looks like.

```
.text, #text, p{  
    color:rgb(17, 173, 107)  
}
```

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, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 173, 107) }
```

Border

The CSS property to change the border of an element to YUV 118.8320, -5.8332, -89.3067 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, 107) }
```


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

```
.border{ border-color:rgb(17, 173, 107) }
```

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, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 173, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 173, 107);  
box-shadow:4px 4px 4px 4px rgb(17, 173,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 118.8320, -5.8332, -89.3067 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, 107) }
```

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

```
.background{ background-color: rgb(17, 173,  
107) }
```

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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