

Converting Colors

YUV(115.6120, -19.0357,
-101.3917)

Have a look what the booklet for
YUV(115.6120, -19.0357, -101.3917)
contains.

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Color

**YUV(115.6120, -19.0357,
-101.3917)**

Conversions

Conversions Part 1

Format	Color
Hex	00B64D
RGB	0, 182, 77
RGB Percent	0%, 71%, 30%
CMY	1.0000, 0.2863, 0.6980
CMYK	1.00, 0.00, 0.58, 0.29
HSL	145°, 100%, 36%
HSV	145°, 100%, 71%
XYZ	18.0675, 33.9917, 12.6300
YIQ	115.6120, -74.7670, -71.2390

Conversions

Conversions Part 2

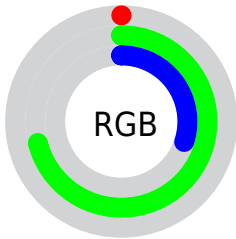
Format	Color
RYB	0, 128, 182
Decimal	46669
CIELab	64.96, -61.46, 42.04
CIELCh	65, 74.461, 145.626
Yxy	33.9917, 0.2793, 0.5255
Android (android.graphics.Color)	4278236749 (0xFF00B64D)
YUV	115.6120, -19.0357, -101.3917
Hunter-Lab	58.3024, -46.7134, 27.9678

Details

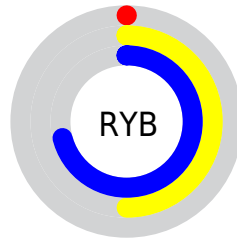
The YUV color **115.6120, -19.0357, -101.3917** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **66.3880, 19.0357, 101.3917**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.7030, -26.9686, -76.9155**, and **77.3990, -25.8327, -67.8789** is the 20% darker color. If you saturate the color by 10%, you get **115.6120, -19.0357, -101.3917**, and if you desaturate by 10%, it is **122.2480, -16.8843, -91.4255**.

Distribution



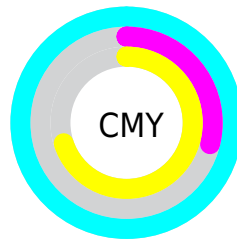
- Red (0%)
- Green (71%)
- Blue (30%)



- Red (0%)
- Yellow (50%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (29%)





- Cyan (100%)
- Magenta (29%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the YUV color 115.6120, -19.0357, -101.3917 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 115.6120, -19.0357, -101.3917 by changing the saturation by 10% instead.


 115.6120,
-19.0357, -101.3917

 115.6120,
-19.0357, -101.3917


 255.0000, 0.0000,
0.0000


 96.3260, -21.8527,
-84.4779


 183.7030,
-26.9686, -76.9155


 77.3990, -25.8327,
-67.8789


 205.4420,
-24.3749, -68.7936

 59.2870, -29.2285,
-51.9947


 217.7890,
-17.1510, -52.4350

 44.6120, -21.9937,
-39.1247

 229.9510, -9.3428,
-36.7910

 30.5240, -15.0483,
-26.7695

 242.2270, -1.0979,
-21.2471

 15.2620, -7.5242,
-13.3848

 253.2060, 0.8844,

 0.0000, 0.0000,

-3.6887

0.0000

■ 115.6120,
-19.0357, -101.3917

■ 122.2480,
-16.8843, -91.4255

■ 128.7700,
-15.1696, -81.3593

■ 135.7050,
-13.1656, -70.7783

■ 142.2270,
-11.4509, -60.7121

■ 148.8630, -9.2995,
-50.7459

■ 155.3850, -7.5848,
-40.6796

■ 162.0210, -5.4334,
-30.7134

■ 168.8420, -3.8661,
-20.0324

■ 175.4780, -1.7147,
-10.0662

Harmonies

Analogous

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



140.1440, -69.0910, -6.2653



115.6120, -19.0357, -101.3917



126.2990, 9.2196, -110.7642

Triad

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



115.6120, -19.0357, -101.3917



128.2730, 62.4764, -112.4954



143.8660, -19.6539, 97.4645

Complementary

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



115.6120, -19.0357, -101.3917



66.3880, 19.0357, 101.3917

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.



147.2810, 11.2005, 94.4696



115.6120, -19.0357, -101.3917



153.9630, 49.8112, -16.6306

Square

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



115.6120, -19.0357, -101.3917



135.9040, 58.7143, -119.1878



160.5920, 36.1901, 59.1168



151.2440, -53.3643, 83.1010

Rectangle

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



115.6120, -19.0357, -101.3917



132.2440, 29.4597, -115.9780



160.5920, 36.1901, 59.1168



142.8520, -8.3080, 98.3538

Sweetspot

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



115.6120, -19.0357, -101.3917



211.0970, -7.4428, -39.5501



138.5280, -68.2943, -28.5271



104.2930, -4.5814, -23.9360



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



115.6120, -19.0357, -101.3917



150.5190, -24.9059, -132.0052



125.8720, 20.2761, -110.3897



88.7390, -0.8573, -5.0331



99.0960, -16.3163, -86.9072



17.8040, -2.8614, -15.6141

Inverse Universe

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



66.3880, 19.0357, 101.3917



86.4810, 24.9059, 132.0052



56.1280, -20.2761, 110.3897



86.2610, 0.8573, 5.0331



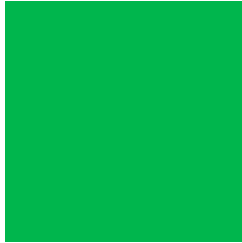
56.9040, 16.3163, 86.9072



10.1960, 2.8614, 15.6141

Previews

White Background



This preview shows how the YUV color 115.6120, -19.0357, -101.3917 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 115.6120, -19.0357, -101.3917 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 115.6120, -19.0357, -101.3917 Background



This preview shows how black text looks on a background with the YUV color 115.6120, -19.0357, -101.3917.



This preview shows how white text looks on a background with the YUV color 115.6120, -19.0357, -101.3917.

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

115.6120, -19.0357, -101.3917

Protanopia

152.0510, -40.9441, 19.2493

Deuteranopia

154.3760, -33.7094, 32.1192



Tritanopia

142.9950, 20.7085, -62.2626

Trichromacy



Original Color

115.6120, -19.0357, -101.3917



Protanomaly

138.8390, -32.9516, -24.4148



Deuteranomaly

140.4470, -28.3214, -16.1780



Tritanomaly

133.1230, 6.3484, -76.4069

Monochromacy



Original Color

115.6120, -19.0357, -101.3917



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

115.9340, -6.8695, -36.7761

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.6120, -19.0357, -101.3917 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(0, 182, 77)` looks like.

```
.text, #text, p{  
    color:rgb(0, 182, 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(0, 182, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 182, 77) }
```

Border

The CSS property to change the border of an element to YUV 115.6120, -19.0357, -101.3917 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(0, 182, 77) }
```


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

```
.border{ border-color:rgb(0, 182, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 182, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 182, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 182, 77);  
box-shadow:4px 4px 4px 4px rgb(0, 182, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 115.6120, -19.0357, -101.3917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 182, 77) }
```

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

```
.background{ background-color: rgb(0, 182,  
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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