

Converting Colors

YUV(119.6900, -0.3402,
-77.7811)

Have a look what the booklet for
YUV(119.6900, -0.3402, -77.7811)
contains.

YUV(119.6900, -0.3402, -77.7811)	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(119.6900, -0.3402,
-77.7811)**

Conversions

Conversions Part 1

Format	Color
Hex	1FA577
RGB	31, 165, 119
RGB Percent	12%, 65%, 47%
CMY	0.8784, 0.3529, 0.5333
CMYK	0.81, 0.00, 0.28, 0.35
HSL	159°, 68%, 38%
HSV	159°, 81%, 65%
XYZ	17.3500, 28.5335, 22.0458
YIQ	119.6900, -65.0980, -42.7140

Conversions

Conversions Part 2

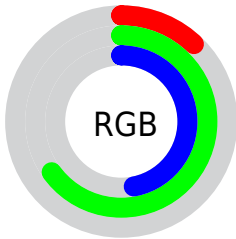
Format	Color
RYB	31, 112, 165
Decimal	2073975
CIELab	60.37, -45.54, 14.23
CIELCh	60, 47.709, 162.649
Yxy	28.5335, 0.2554, 0.4200
Android (android.graphics.Color)	4280264055 (0xFF1FA577)
YUV	119.6900, -0.3402, -77.7811
Hunter-Lab	53.4167, -35.5018, 12.9219

Details

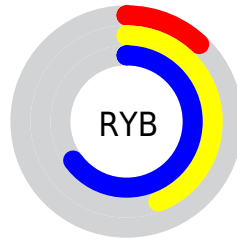
The YUV color **119.6900, -0.3402, -77.7811** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **76.3100, 0.3402, 77.7811**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.1210, -4.0037, -69.3891**, and **73.7240, -1.8359, -64.6559** is the 20% darker color. If you saturate the color by 10%, you get **113.9230, -0.4550, -87.6325**, and if you desaturate by 10%, it is **125.1580, -0.0779, -68.5446**.

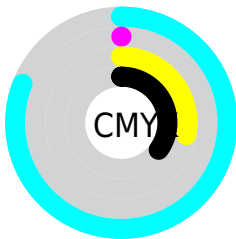
Distribution



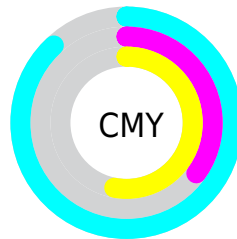
- Red (12%)
- Green (65%)
- Blue (47%)



- Red (12%)
- Yellow (44%)
- Blue (65%)



- Cyan (81%)
- Magenta (0%)
- Yellow (28%)
- Black (35%)



- Cyan (88%)
- Magenta (35%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.6900, -0.3402, -77.7811 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 119.6900, -0.3402, -77.7811 by changing the saturation by 10% instead.

■ 119.6900, -0.3402,
-77.7811

■ 119.6900, -0.3402,
-77.7811

■ 255.0000, 0.0000,
0.0000

■ 91.7220, 1.1231,
-80.4402

■ 179.1210, -4.0037,
-69.3891

■ 73.7240, -1.8359,
-64.6559

■ 208.3060, -4.5879,
-68.6744

■ 56.5410, -4.2107,
-49.5865

■ 223.1040, 1.9207,
-56.2192

■ 39.4720, -6.1487,
-34.6169

■ 234.9670, 9.8763,
-41.1901

■ 24.1810, -11.4282,
-21.2067

■ 243.9370, 5.4541,
-22.7467

■ 1.7610, -0.8682,
-1.5444

■ 252.9070, 1.0318,

■ 0.0000, 0.0000,

-4.3034

0.0000

■ 119.6900, -0.3402,
-77.7811

■ 119.6900, -0.3402,
-77.7811

■ 113.9230, -0.4550,
-87.6325

■ 125.1580, -0.0779,
-68.5446

■ 109.1670, -0.5753,
-95.7395

■ 130.8110, -0.3998,
-58.5932

■ 136.2790, -0.1375,
-49.3567

■ 142.0460, -0.0227,
-39.5053

■ 147.4000, -0.1972,
-30.1688

■ 153.1670, -0.0823,
-20.3175

■ 158.6350, 0.1799,
-11.0809

■ 164.2880, -0.1420,
-1.1296

■ 169.7560, 0.1203,
8.1070

Harmonies

Analogous

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



134.2610, -26.2577, -24.7849



119.6900, -0.3402, -77.7811



116.6110, 22.8698, -102.2678

Triad

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



119.6900, -0.3402, -77.7811



141.9150, 42.4399, -32.3745



144.6970, -26.9656, 62.5327

Complementary

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



119.6900, -0.3402, -77.7811



76.3100, 0.3402, 77.7811

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.



146.2520, -8.5052, 68.1850



119.6900, -0.3402, -77.7811



149.6890, 28.7473, 19.5667

Square

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



119.6900, -0.3402, -77.7811



117.8090, 52.8452, -103.3185



148.7290, 11.4726, 53.7347



143.3510, -39.1200, 40.9112

Rectangle

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



119.6900, -0.3402, -77.7811



119.1020, 34.9527, -104.4525



148.7290, 11.4726, 53.7347



145.2120, -21.3035, 66.4661

Sweetspot

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



119.6900, -0.3402, -77.7811



196.8130, 0.0922, -29.6540



123.7110, -45.7065, -40.0885



96.4770, -0.2352, -17.9583



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



119.6900, -0.3402, -77.7811



143.7140, -0.3520, -120.7752



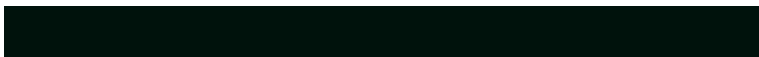
113.1940, 25.5404, -72.0841



78.9670, 0.0163, -5.2331



95.9450, -0.4659, -84.1438



11.9340, 0.0325, -10.4661

Inverse Universe

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



76.3100, 0.3402, 77.7811



76.4000, 0.7888, 120.6752



82.8060, -25.5404, 72.0841



76.0330, -0.0163, 5.2331



49.0550, 0.4659, 84.1438



6.0660, -0.0325, 10.4661

Previews

White Background



This preview shows how the YUV color 119.6900, -0.3402, -77.7811 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 119.6900, -0.3402, -77.7811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

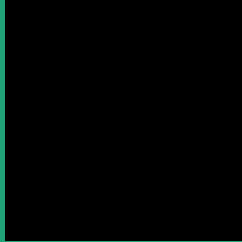
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 119.6900, -0.3402, -77.7811

Background



This preview shows how black text looks on a background with the YUV color 119.6900, -0.3402, -77.7811.



This preview shows how white text looks on a background with the YUV color 119.6900, -0.3402, -77.7811.

-77.7811.

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

119.6900, -0.3402, -77.7811

Protanopia

143.2990, -16.9094, 10.2618

Deuteranopia

145.1780, -9.9478, 17.3839



Tritanopia

130.4790, 19.9769, -60.9331

Trichromacy



Original Color

119.6900, -0.3402, -77.7811

Protanomaly

134.9960, -10.8440, -21.9215

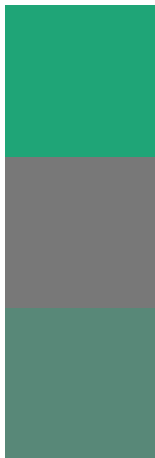
Deuteranomaly

135.5820, -6.2029, -17.1734

Tritanomaly

126.7850, 12.4310, -67.3404

Monochromacy



Original Color

119.6900, -0.3402, -77.7811

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8240, 0.0868, -27.9096

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.6900, -0.3402, -77.7811 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(31, 165, 119)` looks like.

```
.text, #text, p{  
    color:rgb(31, 165, 119)  
}
```

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(31, 165, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 165, 119) }
```

Border

The CSS property to change the border of an element to YUV 119.6900, -0.3402, -77.7811 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(31, 165, 119) }
```


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

```
.border{ border-color:rgb(31, 165, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 165, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 165, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 165, 119);  
box-shadow:4px 4px 4px 4px rgb(31, 165,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 119.6900, -0.3402, -77.7811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 165, 119) }
```

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

```
.background{ background-color: rgb(31, 165,  
119) }
```

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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