

Converting Colors

YUV(111.5710, -26.9035,
-97.8478)

Have a look what the booklet for
YUV(111.5710, -26.9035, -97.8478)
contains.

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Color

**YUV(111.5710, -26.9035,
-97.8478)**

Conversions

Conversions Part 1

Format	Color
Hex	00B339
RGB	0, 179, 57
RGB Percent	0%, 70%, 22%
CMY	1.0000, 0.2980, 0.7765
CMYK	1.00, 0.00, 0.68, 0.30
HSL	139°, 100%, 35%
HSV	139°, 100%, 70%
XYZ	16.8586, 32.5356, 9.2624
YIQ	111.5710, -67.5220, -75.8900

Conversions

Conversions Part 2

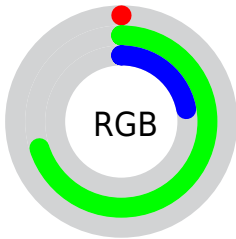
Format	Color
RYB	0, 136, 179
Decimal	45881
CIELab	63.78, -62.96, 49.60
CIELCh	64, 80.151, 141.772
Yxy	32.5356, 0.2874, 0.5547
Android (android.graphics.Color)	4278235961 (0xFF00B339)
YUV	111.5710, -26.9035, -97.8478
Hunter-Lab	57.0400, -47.0629, 30.3003

Details

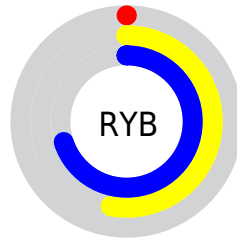
The YUV color **111.5710, -26.9035, -97.8478** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **67.4290, 26.9035, 97.8478**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.7760, -34.3996, -73.4716**, and **72.7880, -35.8845, -63.8351** is the 20% darker color. If you saturate the color by 10%, you get **111.5710, -26.9035, -97.8478**, and if you desaturate by 10%, it is **118.3210, -24.3153, -87.9815**.

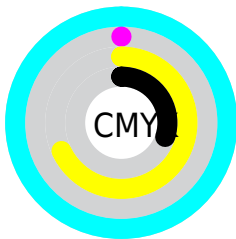
Distribution



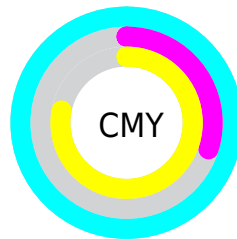
- Red (0%)
- Green (70%)
- Blue (22%)



- Red (0%)
- Yellow (53%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.5710, -26.9035, -97.8478 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 111.5710, -26.9035, -97.8478 by changing the saturation by 10% instead.

■ 111.5710,
-26.9035, -97.8478

■ 111.5710,
-26.9035, -97.8478

■ 255.0000, 0.0000,
0.0000

■ 91.9430, -31.0309,
-80.6340

■ 179.7760,
-34.3996, -73.4716

■ 72.7880, -35.8845,
-63.8351

■ 203.2760,
-32.6741, -66.8941

■ 57.5260, -28.3603,
-50.4503

■ 215.6230,
-25.4501, -50.5354

■ 42.8510, -21.1255,
-37.5803

■ 227.7850,
-17.6420, -34.8914

■ 29.3500, -14.4695,
-25.7399

■ 239.9470, -9.8339,
-19.2475

■ 12.9140, -6.3666,
-11.3256

■ 252.5220, -1.7363,

■ 0.0000, 0.0000,

-3.0888

0.0000

■ 111.5710,
-26.9035, -97.8478

■ 118.3210,
-24.3153, -87.9815

■ 125.0710,
-21.7270, -78.1153

■ 131.9350,
-18.7020, -68.3490

■ 138.6850,
-16.1137, -58.4827

■ 145.4350,
-13.5255, -48.6165

■ 151.8860,
-10.7898, -39.3650

■ 158.6360, -8.2015,
-29.4988

■ 165.5000, -5.1765,
-19.7325

■ 172.2500, -2.5882,
-9.8663

Harmonies

Analogous

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



138.1060, -68.0863, -1.8470



111.5710, -26.9035, -97.8478



123.6430, 4.1200, -108.4349

Triad

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



111.5710, -26.9035, -97.8478



128.2730, 62.4764, -112.4954



134.7020, -14.1501, 105.5013

Complementary

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



111.5710, -26.9035, -97.8478



67.4290, 26.9035, 97.8478

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.



140.4480, 18.0201, 100.4621



111.5710, -26.9035, -97.8478



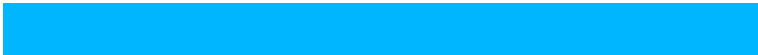
144.6940, 54.3809, -35.6886

Square

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



111.5710, -26.9035, -97.8478



135.9040, 58.7143, -119.1878



156.9920, 42.8949, 55.2580



146.0110, -53.2494, 92.9524

Rectangle

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



111.5710, -26.9035, -97.8478



129.9300, 25.6705, -113.9486



156.9920, 42.8949, 55.2580



133.3290, -1.6412, 106.7055

Sweetspot

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



111.5710, -26.9035, -97.8478



205.7120, -10.2110, -38.3354



141.5510, -69.7846, -17.1462



101.2500, -6.0393, -23.0212



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



111.5710, -26.9035, -97.8478



144.6200, -34.8157, -126.8317



121.7170, 11.9715, -106.7458



85.6250, -1.2941, -4.9331



95.3970, -22.8737, -83.6632



16.1740, -4.0298, -14.1846

Inverse Universe

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



67.4290, 26.9035, 97.8478



87.3800, 34.8157, 126.8317



57.2830, -11.9715, 106.7458



83.3750, 1.2941, 4.9331



57.6030, 22.8737, 83.6632



9.7120, 3.5930, 14.2846

Previews

White Background



This preview shows how the YUV color 111.5710, -26.9035, -97.8478 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 111.5710, -26.9035, -97.8478 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 111.5710, -26.9035, -97.8478 Background



This preview shows how black text looks on a background with the YUV color 111.5710, -26.9035, -97.8478.



This preview shows how white text looks on a background with the YUV color 111.5710, -26.9035, -97.8478.

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



Protanopia

147.5260, -48.0803, 21.4637

Deuteranopia

150.2640, -40.5562, 34.8485

Tritanopia

140.4900, 19.9714, -59.1887

Trichromacy



Protanomaly

134.3140, -40.0878, -22.2004

Deuteranomaly

136.2210, -35.6050, -13.3488

Tritanomaly

129.6350, 3.1379, -73.3479

Monochromacy



Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.5490, -9.6377, -35.5615

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.5710, -26.9035, -97.8478 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, 179, 57)` looks like.

```
.text, #text, p{  
    color:rgb(0, 179, 57)  
}
```

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, 179, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 179, 57) }
```

Border

The CSS property to change the border of an element to YUV 111.5710, -26.9035, -97.8478 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, 179, 57) }
```

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

```
.border{ border-color:rgb(0, 179, 57) }
```

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

Here you see how a box with a 4 pixel rgb(0, 179, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 179, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 179, 57);  
box-shadow:4px 4px 4px 4px rgb(0, 179, 57)  
}
```


Background

The CSS property to change the background color of an element to YUV 111.5710, -26.9035, -97.8478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 179, 57) }
```

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

```
.background{ background-color: rgb(0, 179,  
57) }
```

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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