

Converting Colors

YUV(118.8190, -26.0398,
-48.0763)

Have a look what the booklet for
YUV(118.8190, -26.0398, -48.0763)
contains.

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Color

**YUV(118.8190, -26.0398,
-48.0763)**

Conversions

Conversions Part 1

Format	Color
Hex	409D42
RGB	64, 157, 66
RGB Percent	25%, 62%, 26%
CMY	0.7490, 0.3843, 0.7412
CMYK	0.59, 0.00, 0.58, 0.38
HSL	121°, 42%, 43%
HSV	121°, 59%, 62%
XYZ	15.1547, 25.5973, 9.2963
YIQ	118.8190, -26.2170, -48.0170

Conversions

Conversions Part 2

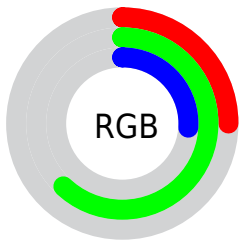
Format	Color
RYB	64, 155, 157
Decimal	4234562
CIELab	57.65, -46.34, 38.92
CIELCh	58, 60.518, 139.975
Yxy	25.5973, 0.3028, 0.5115
Android (android.graphics.Color)	4282424642 (0xFF409D42)
YUV	118.8190, -26.0398, -48.0763
Hunter-Lab	50.5938, -35.0717, 24.5215

Details

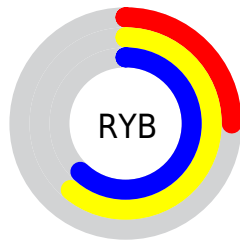
The YUV color **118.8190, -26.0398, -48.0763** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **102.1810, 26.0398, 48.0763**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9610, -28.0818, -46.4468**, and **63.3450, -23.8341, -55.5536** is the 20% darker color. If you saturate the color by 10%, you get **112.3250, -30.2332, -56.4130**, and if you desaturate by 10%, it is **125.3130, -21.8463, -39.7395**.

Distribution



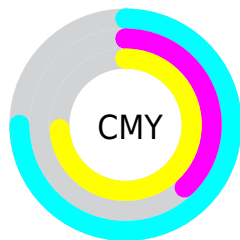
- Red (25%)
- Green (62%)
- Blue (26%)



- Red (25%)
- Yellow (61%)
- Blue (62%)



- Cyan (59%)
- Magenta (0%)
- Yellow (58%)
- Black (38%)



- Cyan (75%)
- Magenta (38%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.8190, -26.0398, -48.0763 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 118.8190, -26.0398, -48.0763 by changing the saturation by 10% instead.

■ 118.8190,
-26.0398, -48.0763

■ 118.8190,
-26.0398, -48.0763

■ 255.0000, 0.0000,
0.0000

■ 90.2530, -24.2817,
-51.9649

■ 173.9610,
-28.0818, -46.4468

■ 63.3450, -23.8341,
-55.5536

■ 202.3200,
-29.2448, -46.7616

■ 46.9600, -23.1513,
-41.1839

■ 221.9880,
-25.6301, -39.4545

■ 32.2850, -15.9165,
-28.3139

■ 233.8510,
-17.6745, -24.4253

■ 19.9580, -9.8393,
-17.5032

■ 246.0130, -9.8664,
-8.7814

■ 0.0000, 0.0000,
0.0000

■ 118.8190,
-26.0398, -48.0763

■ 118.8190,
-26.0398, -48.0763

■ 112.3250,
-30.2332, -56.4130

■ 125.3130,
-21.8463, -39.7395

■ 106.0160,
-35.0109, -64.0350

■ 131.6220,
-17.0686, -32.1175

■ 99.5220, -39.2043,
-72.3718

■ 138.1160,
-12.8752, -23.7807

■ 93.0280, -43.3978,
-80.7086

■ 144.6100, -8.6817,
-15.4440

■ 92.5010, -44.1240,
-81.1234

■ 151.2180, -4.0515,
-7.2072

■ 157.4130, 0.2894,
0.5148

■ 164.0210, 4.9196,
8.7516

■ 170.5150, 9.1131,

17.0883

■ 176.7100, 13.4540,
24.8103

Harmonies

Analogous

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



127.4930, -51.5150, 3.0756



118.8190, -26.0398, -48.0763



108.5460, 4.6608, -95.1948

Triad

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



118.8190, -26.0398, -48.0763



115.7520, 62.7333, -101.5145



133.9940, -13.8010, 86.8283

Complementary

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



118.8190, -26.0398, -48.0763



102.1810, 26.0398, 48.0763

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.



137.6440, 10.5285, 76.6112



118.8190, -26.0398, -48.0763



135.7120, 50.4280, -27.8114

Square

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



118.8190, -26.0398, -48.0763



118.8860, 49.3562, -104.2630



142.3090, 31.8927, 37.4400



134.5920, -37.7599, 71.3948

Rectangle

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



118.8190, -26.0398, -48.0763



113.3510, 20.5330, -99.4088



142.3090, 31.8927, 37.4400



134.4700, -5.6547, 87.2878

Sweetspot

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



118.8190, -26.0398, -48.0763



188.8330, -10.2707, -19.1475



145.8000, -40.3274, 8.0684



92.9140, -6.3666, -11.3256



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



118.8190, -26.0398, -48.0763



144.4570, -40.6513, -74.9458



124.0630, -5.9471, -52.6753



75.6960, -2.3151, -4.1184



84.2830, -40.0725, -73.9162



8.8050, -4.3409, -7.7220

Inverse Universe

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



102.1810, 26.0398, 48.0763



118.5430, 40.6513, 74.9458



96.9370, 5.9471, 52.6753



74.3040, 2.3151, 4.1184



58.7170, 40.0725, 73.9162



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 118.8190, -26.0398, -48.0763 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 118.8190, -26.0398, -48.0763 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 118.8190, -26.0398, -48.0763 Background



This preview shows how black text looks on a background with the YUV color 118.8190, -26.0398, -48.0763.



This preview shows how white text looks on a background with the YUV color 118.8190, -26.0398, -48.0763.

-48.0763.

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

118.8190, -26.0398, -48.0763

Protanopia

133.5930, -36.2813, 17.0199

Deuteranopia

135.7500, -30.9357, 29.1603



Tritanopia

130.1290, 14.2334, -38.7011

Trichromacy



Original Color

118.8190, -26.0398, -48.0763



Protanomaly

128.3620, -32.7165, -6.4565



Deuteranomaly

129.3290, -29.2492, 1.4655



Tritanomaly

126.2090, -0.5960, -42.2793

Monochromacy



Original Color

118.8190, -26.0398, -48.0763



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

119.0720, -9.4025, -17.6031

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.8190, -26.0398, -48.0763 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(64, 157, 66)` looks like.

```
.text, #text, p{  
    color:rgb(64, 157, 66)  
}
```

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(64, 157, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 157, 66) }
```

Border

The CSS property to change the border of an element to YUV 118.8190, -26.0398, -48.0763 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(64, 157, 66) }
```


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

```
.border{ border-color:rgb(64, 157, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 157, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 157, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 157, 66);  
box-shadow:4px 4px 4px 4px rgb(64, 157,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 118.8190, -26.0398, -48.0763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 157, 66) }
```

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

```
.background{ background-color: rgb(64, 157,  
66) }
```

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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