

Converting Colors

YUV(119.1270, -9.4296, -8.8814)

Have a look what the booklet for
YUV(119.1270, -9.4296, -8.8814)
contains.

YUV(119.1270, -9.4296, -8.8814)	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(119.1270, -9.4296,
-8.8814)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8064
RGB	109, 128, 100
RGB Percent	43%, 50%, 39%
CMY	0.5725, 0.4980, 0.6078
CMYK	0.15, 0.00, 0.22, 0.50
HSL	101°, 12%, 45%
HSV	101°, 22%, 50%
XYZ	16.3261, 19.6097, 14.9812
YIQ	119.1270, -2.3360, -12.7360

Conversions

Conversions Part 2

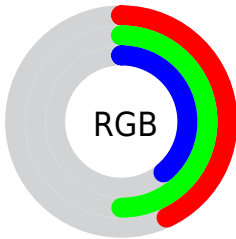
Format	Color
R_{YB}	100, 128, 119
Decimal	7176292
CIE _{Lab}	51.39, -12.55, 12.94
CIE _{LCh}	51, 18.027, 134.106
Yxy	19.6097, 0.3206, 0.3851
Android (android.graphics.Color)	4285366372 (0xFF6D8064)
YUV	119.1270, -9.4296, -8.8814
Hunter-Lab	44.2828, -11.6858, 10.9398

Details

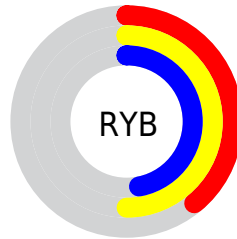
The YUV color **119.1270, -9.4296, -8.8814** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **108.8730, 9.4296, 8.8814**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6000, -10.1558, -9.2962**, and **70.6540, -8.7034, -8.4666** is the 20% darker color. If you saturate the color by 10%, you get **114.9540, -13.7813, -13.1147**, and if you desaturate by 10%, it is **123.3000, -5.0779, -4.6481**.

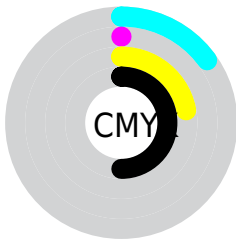
Distribution



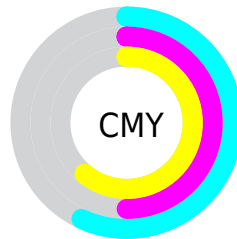
- Red (43%)
- Green (50%)
- Blue (39%)



- Red (39%)
- Yellow (50%)
- Blue (47%)



- Cyan (15%)
- Magenta (0%)
- Yellow (22%)
- Black (50%)



- Cyan (57%)
- Magenta (50%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.1270, -9.4296, -8.8814 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 119.1270, -9.4296, -8.8814 by changing the saturation by 10% instead.

■ 119.1270, -9.4296,
-8.8814

■ 119.1270, -9.4296,
-8.8814

255.0000, 0.0000,
0.0000

■ 94.5400, -9.1402,
-8.3666

■ 171.6000,
-10.1558, -9.2962

■ 70.6540, -8.7034,
-8.4666

■ 198.6000,
-10.1558, -9.2962

■ 48.1810, -7.9772,
-8.0517

■ 227.0730,
-10.8820, -9.7110

■ 26.6650, -8.7088,
-6.7222

■ 249.2030, -7.9881,
-4.5630

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 119.1270, -9.4296,
-8.8814

■ 119.1270, -9.4296,
-8.8814

■ 114.9540,
-13.7813, -13.1147

■ 123.3000, -5.0779,
-4.6481

■ 111.0800,
-18.2804, -16.7332

■ 127.1740, -0.5788,
-1.0296

■ 107.0210,
-22.1954, -21.0664

■ 131.2330, 3.3361,
3.3037

■ 102.8480,
-26.5471, -25.2997

■ 135.4060, 7.6878,
7.5369

■ 98.9740, -31.0462,
-28.9182

■ 139.2800, 12.1870,
11.1554

■ 94.8010, -35.3979,
-33.1515

■ 143.4530, 16.5387,
15.3887

■ 90.6280, -39.7496,
-37.3848

■ 147.6260, 20.8904,
19.6220

■ 87.3950, -43.0857,

■ 151.3860, 24.9527,

-40.6884

23.3405

■ 155.5590, 29.3044,
27.5738

Harmonies

Analogous

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



121.0640, -13.8356, 4.3289



119.1270, -9.4296, -8.8814



117.4010, -1.6767, -22.2767

Triad

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



119.1270, -9.4296, -8.8814



119.3960, 16.0738, -22.2723



125.0140, -4.4439, 25.4207

Complementary

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



119.1270, -9.4296, -8.8814



108.8730, 9.4296, 8.8814

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.



124.9300, 2.9925, 20.2324



119.1270, -9.4296, -8.8814



122.4410, 14.5726, -7.4028

Square

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



119.1270, -9.4296, -8.8814



116.5320, 13.0487, -32.0386



124.6880, 10.0138, 8.1666



123.6950, -10.6956, 23.9465

Rectangle

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



119.1270, -9.4296, -8.8814



115.8500, 4.0180, -28.8094



124.6880, 10.0138, 8.1666



124.6980, -1.8231, 24.8209

Sweetspot

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



119.1270, -9.4296, -8.8814



162.2400, -4.0623, -3.7185



119.5250, -9.6258, 7.4326



82.0060, -2.4680, -1.7593



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



119.1270, -9.4296, -8.8814



152.4270, -14.5075, -13.5295



117.0060, -5.9190, -14.9143



61.7070, -2.3206, -2.3740



87.3950, -43.0857, -40.6884



0.0000, 0.0000, 0.0000

Inverse Universe

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



108.8730, 9.4296, 8.8814



136.5730, 14.5075, 13.5295



110.9940, 5.9190, 14.9143



59.2930, 2.3206, 2.3740



40.6050, 43.0857, 40.6884



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 119.1270, -9.4296, -8.8814 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 119.1270, -9.4296, -8.8814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

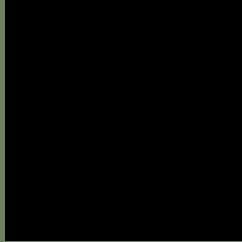
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.1270, -9.4296, -8.8814

Background



This preview shows how black text looks on a background with the YUV color 119.1270, -9.4296, -8.8814.



This preview shows how white text looks on a background with the YUV color 119.1270, -9.4296, -8.8814.

-8.8814.

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

119.1270, -9.4296, -8.8814

Protanopia

121.5420, -12.0992, 7.4177

Deuteranopia

123.0530, -10.3791, 15.7395



Tritanopia

122.0360, 5.4053, -7.0476

Trichromacy



Original Color

119.1270, -9.4296, -8.8814

Protanomaly

120.4380, -11.0619, 1.3699

Deuteranomaly

121.6990, -10.2046, 6.4030

Tritanomaly

120.6570, 0.1691, -7.5922

Monochromacy



Original Color

119.1270, -9.4296, -8.8814

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.7670, -3.3361, -3.3037

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.1270, -9.4296, -8.8814 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(109, 128, 100)` looks like.

```
.text, #text, p{  
    color:rgb(109, 128, 100)  
}
```

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(109, 128, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 128, 100) }
```

Border

The CSS property to change the border of an element to YUV 119.1270, -9.4296, -8.8814 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(109, 128, 100) }
```


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

```
.border{ border-color:rgb(109, 128, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 128, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 128, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 128, 100);  
box-shadow:4px 4px 4px 4px rgb(109, 128,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 119.1270, -9.4296, -8.8814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 128, 100) }
```

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

```
.background{ background-color: rgb(109,  
128, 100) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor