

Converting Colors

YUV(115.4740, -9.1077,
-18.8327)

Have a look what the booklet for
YUV(115.4740, -9.1077, -18.8327)
contains.

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Color

**YUV(115.4740, -9.1077,
-18.8327)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8261
RGB	94, 130, 97
RGB Percent	37%, 51%, 38%
CMY	0.6314, 0.4902, 0.6196
CMYK	0.28, 0.00, 0.25, 0.49
HSL	125°, 16%, 44%
HSV	125°, 28%, 51%
XYZ	14.7564, 19.2080, 14.2390
YIQ	115.4740, -10.8630, -17.8950

Conversions

Conversions Part 2

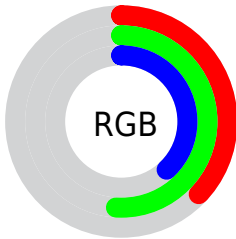
Format	Color
R_{YB}	94, 127, 130
Decimal	6193761
CIE _{Lab}	50.93, -19.76, 13.88
CIE _{LCh}	51, 24.147, 144.915
Yxy	19.2080, 0.3061, 0.3985
Android (android.graphics.Color)	4284383841 (0xFF5E8261)
YUV	115.4740, -9.1077, -18.8327
Hunter-Lab	43.8269, -16.5968, 11.4160

Details

The YUV color **115.4740, -9.1077, -18.8327** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **108.5260, 9.1077, 18.8327**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6480, -9.6865, -19.8623**, and **66.4140, -8.0921, -17.9031** is the 20% darker color. If you saturate the color by 10%, you get **110.2190, -12.4330, -25.6251**, and if you desaturate by 10%, it is **120.7290, -5.7824, -12.0403**.

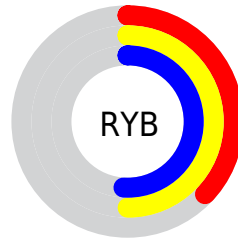
Distribution



Red (37%)

Green (51%)

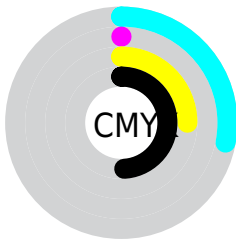
Blue (38%)



Red (37%)

Yellow (50%)

Blue (51%)

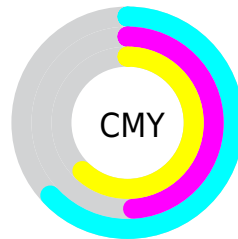


Cyan (28%)

Magenta (0%)

Yellow (25%)

Black (49%)



Cyan (63%)

Magenta (49%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.4740, -9.1077, -18.8327 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 115.4740, -9.1077, -18.8327 by changing the saturation by 10% instead.

■ 115.4740, -9.1077,
-18.8327

■ 115.4740, -9.1077,
-18.8327

255.0000, 0.0000,
0.0000

■ 90.8870, -8.8183,
-18.3179

■ 167.6480, -9.6865,
-19.8623

■ 66.4140, -8.0921,
-17.9031

■ 195.1210,
-10.4127, -20.2771

■ 43.6420, -7.2185,
-18.1030

■ 223.1210,
-10.4127, -20.2771

■ 21.7130, -8.2395,
-17.2883

■ 244.0770, -6.9400,
-14.0995

■ 3.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,
0.0000

■ 115.4740, -9.1077,
-18.8327

■ 115.4740, -9.1077,
-18.8327

■ 110.2190,
-12.4330, -25.6251

■ 120.7290, -5.7824,
-12.0403

■ 104.9640,
-15.7583, -32.4174

■ 125.9840, -2.4571,
-5.2480

■ 99.7090, -19.0835,
-39.2098

■ 131.2390, 0.8682,
1.5444

■ 94.4540, -22.4088,
-46.0022

■ 136.4940, 4.1935,
8.3368

■ 89.1990, -25.7341,
-52.7945

■ 141.7490, 7.5187,
15.1291

■ 83.9440, -29.0594,
-59.5869

■ 147.0040, 10.8440,
21.9215

■ 78.8030, -31.9479,
-66.4792


■ 152.1450, 13.7325,
28.8138

■ 77.5640, -32.8161,

■ 157.4000, 17.0578,

-68.0236

35.6062

 162.6550, 20.3831,
42.3986

Harmonies

Analogous

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



118.1190, -17.3137, -0.1044



115.4740, -9.1077, -18.8327



111.7520, 2.5873, -36.6165

Triad

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



115.4740, -9.1077, -18.8327



117.8670, 21.7576, -25.3164



123.2170, -8.9810, 34.0127

Complementary

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



115.4740, -9.1077, -18.8327



108.5260, 9.1077, 18.8327

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.



124.1270, 0.9234, 30.5836



115.4740, -9.1077, -18.8327



122.3860, 18.0507, -2.9695

Square

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



115.4740, -9.1077, -18.8327



112.4040, 20.5068, -44.2043



124.1560, 10.2761, 17.4032



122.1210, -16.8217, 28.8349

Rectangle

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



115.4740, -9.1077, -18.8327



110.3470, 10.1819, -45.9083



124.1560, 10.2761, 17.4032



123.4280, -5.6340, 33.8276

Sweetspot

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



115.4740, -9.1077, -18.8327



162.7450, -3.3253, -6.7924



124.9990, -15.2825, 1.7549



80.6960, -2.3151, -4.1184



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.



115.4740, -9.1077, -18.8327



145.7410, -14.1693, -28.7139



117.5260, -1.2453, -20.6323



61.2230, -1.5889, -3.7036



76.3900, -32.2373, -66.9940



0.0000, 0.0000, 0.0000

Inverse Universe

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



108.5260, 9.1077, 18.8327



135.2590, 14.1693, 28.7139



106.4740, 1.2453, 20.6323



59.7770, 1.5889, 3.7036



51.6100, 32.2373, 66.9940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 115.4740, -9.1077, -18.8327 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 115.4740, -9.1077, -18.8327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

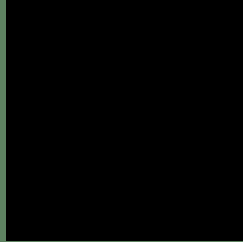
Any Text WCAG AA ✓ Pass

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 115.4740, -9.1077, -18.8327 Background



This preview shows how black text looks on a background with the YUV color 115.4740, -9.1077, -18.8327.



This preview shows how white text looks on a background with the YUV color 115.4740, -9.1077, -18.8327.

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

115.4740, -9.1077, -18.8327

Protanopia

120.2000, -13.4096, 7.7176

Deuteranopia

121.3520, -10.5265, 16.3543



Tritanopia

118.9640, 7.9057, -15.7544

Trichromacy



Original Color

115.4740, -9.1077, -18.8327

Protanomaly

118.1880, -11.9247, -1.9189

Deuteranomaly

119.0900, -9.9044, 3.4291

Tritanomaly

117.6450, 1.6540, -17.2287

Monochromacy



Original Color

115.4740, -9.1077, -18.8327

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.7450, -3.3253, -6.7924

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.4740, -9.1077, -18.8327 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(94, 130, 97)` looks like.

```
.text, #text, p{  
    color:rgb(94, 130, 97)  
}
```

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(94, 130, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 130, 97) }
```

Border

The CSS property to change the border of an element to YUV 115.4740, -9.1077, -18.8327 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(94, 130, 97) }
```


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

```
.border{ border-color:rgb(94, 130, 97) }
```

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

Here you see how a box with a 4 pixel rgb(94, 130, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 130, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 130, 97);  
box-shadow:4px 4px 4px 4px rgb(94, 130,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 115.4740, -9.1077, -18.8327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 130, 97) }
```

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

```
.background{ background-color: rgb(94, 130,  
97) }
```

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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