

Converting Colors

YUV(119.2490, -51.3948,
11.1826)

Have a look what the booklet for
YUV(119.2490, -51.3948, 11.1826)
contains.

YUV(119.2490, -51.3948, 11.1826)	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(119.2490, -51.3948,
11.1826)**

Conversions

Conversions Part 1

Format	Color
Hex	84850F
RGB	132, 133, 15
RGB Percent	52%, 52%, 6%
CMY	0.4824, 0.4784, 0.9412
CMYK	0.01, 0.00, 0.89, 0.48
HSL	61°, 80%, 29%
HSV	61°, 89%, 52%
XYZ	17.9895, 21.7151, 3.6952
YIQ	119.2490, 37.2820, -36.9100

Conversions

Conversions Part 2

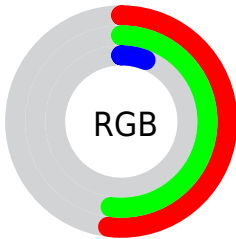
Format	Color
R_{YB}	15, 133, 16
Decimal	8684815
CIE _{Lab}	53.72, -13.46, 55.46
CIE _{LCh}	54, 57.069, 103.638
Yxy	21.7151, 0.4145, 0.5004
Android (android.graphics.Color)	4286874895 (0xFF84850F)
YUV	119.2490, -51.3948, 11.1826
Hunter-Lab	46.5994, -12.6400, 27.9181

Details

The YUV color **119.2490, -51.3948, 11.1826** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **28.7510, 51.3948, -11.1826**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.8300, -49.2162, 12.4271**, and **72.9290, -35.9540, 5.3243** is the 20% darker color. If you saturate the color by 10%, you get **117.7670, -57.0731, 12.4823**, and if you desaturate by 10%, it is **120.7310, -45.7164, 9.8829**.

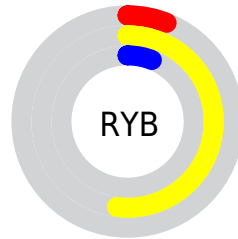
Distribution



Red (52%)

Green (52%)

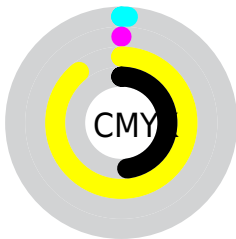
Blue (6%)



Red (6%)

Yellow (52%)

Blue (6%)

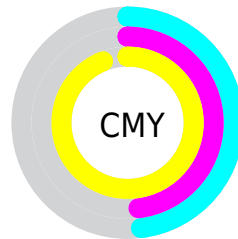


Cyan (1%)

Magenta (0%)

Yellow (89%)

Black (48%)



Cyan (48%)

Magenta (48%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.2490, -51.3948, 11.1826 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 119.2490, -51.3948, 11.1826 by changing the saturation by 10% instead.

■ 119.2490,
-51.3948, 11.1826

■ 119.2490,
-51.3948, 11.1826

■ 255.0000, 0.0000,
0.0000

■ 94.7910, -46.7320,
8.9533

■ 173.8300,
-49.2162, 12.4271

■ 72.9290, -35.9540,
5.3243

■ 201.3140,
-49.9478, 13.7566

■ 51.6540, -25.4654,
1.1804

■ 230.3850,
-50.9688, 14.5714

■ 31.2650, -15.4136,
-2.8634

■ 243.4860,
-44.1166, 10.0978

■ 11.7400, -5.7878,
-10.2960

■ 246.6780,
-31.8863, 7.2984

■ 0.0000, 0.0000,
0.0000

■ 249.8700,

-19.6559, 4.4990

253.1760, -6.9888,
1.5996

119.2490,
-51.3948, 11.1826

119.2490,
-51.3948, 11.1826

117.7670,
-57.0731, 12.4823

120.7310,
-45.7164, 9.8829

117.5390,
-57.9467, 12.6823

122.3270,
-39.6012, 8.4832

123.8090,
-33.9228, 7.1835

125.2910,
-28.2445, 5.8838

127.1860,
-22.2767, 5.0989

■ 128.6680,
-16.5983, 3.7992

■ 130.1500,
-10.9200, 2.4994

■ 131.6320, -5.2416,
1.1997

■ 133.2280, 0.8736,
-0.2000

Harmonies

Analogous

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



123.2670, -48.4456, 45.3698



119.2490, -51.3948, 11.1826



113.1800, -30.1617, -32.6069

Triad

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



119.2490, -51.3948, 11.1826



109.6930, 42.0564, -96.2008



128.4900, 14.0554, 65.3453

Complementary

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



119.2490, -51.3948, 11.1826



28.7510, 51.3948, -11.1826

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.



131.9760, 33.5358, 23.7000



119.2490, -51.3948, 11.1826



108.1890, 56.6018, -94.8818

Square

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



119.2490, -51.3948, 11.1826



106.3240, 21.5323, -93.2461



120.4280, 51.0610, -44.2254



124.7420, -8.2538, 80.9103

Rectangle

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



119.2490, -51.3948, 11.1826



96.2240, -7.0124, -84.3884



120.4280, 51.0610, -44.2254



130.5470, 20.9293, 53.8943

Sweetspot

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



119.2490, -51.3948, 11.1826



167.7560, -20.0927, 4.5990



50.2820, -17.3940, 72.5437



83.5090, -12.0829, 2.1846



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



119.2490, -51.3948, 11.1826



152.9790, -75.4186, 16.6814



101.9070, -42.8452, -24.4744



65.3160, -2.6208, 0.5999



114.8810, -56.6363, 12.3824



2.6580, -1.3104, 0.2999

Inverse Universe

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



28.7510, 51.3948, -11.1826



20.0210, 75.4186, -16.6814



46.0930, 42.8452, 24.4744



60.6840, 2.6208, -0.5999



15.1190, 56.6363, -12.3824



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 119.2490, -51.3948, 11.1826 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 119.2490, -51.3948, 11.1826 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 119.2490, -51.3948, 11.1826

Background



This preview shows how black text looks on a background with the YUV color 119.2490, -51.3948, 11.1826.



This preview shows how white text looks on a background with the YUV color 119.2490, -51.3948, 11.1826.

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

119.2490, -51.3948, 11.1826

Protanopia

120.5600, -53.0271, 21.4339

Deuteranopia

122.9020, -48.2657, 34.2889



Tritanopia

130.1090, 1.4253, 9.5514

Trichromacy



Original Color

119.2490, -51.3948, 11.1826

Protanomaly

119.7660, -52.1426, 17.7452

Deuteranomaly

121.5050, -49.5490, 25.8671

Tritanomaly

126.0710, -17.7830, 10.4617

Monochromacy



Original Color

119.2490, -51.3948, 11.1826

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.0980, -18.7823, 4.2991

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.2490, -51.3948, 11.1826 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(132, 133, 15)` looks like.

```
.text, #text, p{  
    color:rgb(132, 133, 15)  
}
```

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(132, 133, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 133, 15) }
```

Border

The CSS property to change the border of an element to YUV 119.2490, -51.3948, 11.1826 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(132, 133, 15) }
```


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

```
.border{ border-color:rgb(132, 133, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 133, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 133, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 133, 15);  
box-shadow:4px 4px 4px 4px rgb(132, 133,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 119.2490, -51.3948, 11.1826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 133, 15) }
```

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

```
.background{ background-color: rgb(132,  
133, 15) }
```

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