

Converting Colors

YUV(119.4750, -23.8982,
11.8614)

Have a look what the booklet for
YUV(119.4750, -23.8982, 11.8614)
contains.

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Color

**YUV(119.4750, -23.8982,
11.8614)**

Conversions

Conversions Part 1

Format	Color
Hex	857A47
RGB	133, 122, 71
RGB Percent	52%, 48%, 28%
CMY	0.4784, 0.5216, 0.7216
CMYK	0.00, 0.08, 0.47, 0.48
HSL	49°, 30%, 40%
HSV	49°, 47%, 52%
XYZ	17.7697, 19.3605, 8.7616
YIQ	119.4750, 22.9270, -13.5290

Conversions

Conversions Part 2

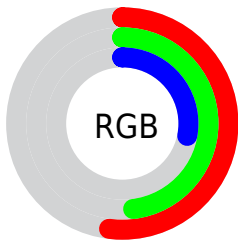
Format	Color
RYB	84, 133, 71
Decimal	8747591
CIELab	51.11, -3.35, 29.36
CIELCh	51, 29.546, 96.509
Yxy	19.3605, 0.3872, 0.4219
Android (android.graphics.Color)	4286937671 (0xFF857A47)
YUV	119.4750, -23.8982, 11.8614
Hunter-Lab	44.0006, -4.9135, 18.9943

Details

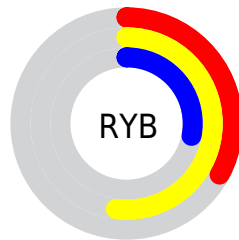
The YUV color **119.4750, -23.8982, 11.8614** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **84.5250, 23.8982, -11.8614**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.7310, -25.5034, 13.3909**, and **70.8060, -22.5824, 9.8171** is the 20% darker color. If you saturate the color by 10%, you get **116.8190, -28.9978, 14.1907**, and if you desaturate by 10%, it is **122.1310, -18.7986, 9.5321**.

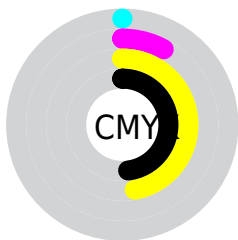
Distribution



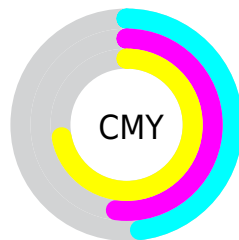
- Red (52%)
- Green (48%)
- Blue (28%)



- Red (33%)
- Yellow (52%)
- Blue (28%)



- Cyan (0%)
- Magenta (8%)
- Yellow (47%)
- Black (48%)



- Cyan (48%)
- Magenta (52%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.4750, -23.8982, 11.8614 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 119.4750, -23.8982, 11.8614 by changing the saturation by 10% instead.

■ 119.4750,
-23.8982, 11.8614

■ 119.4750,
-23.8982, 11.8614

■ 255.0000, 0.0000,
0.0000

■ 94.4040, -22.8772,
11.0467

■ 171.7310,
-25.5034, 13.3909

■ 70.8060, -22.5824,
9.8171

■ 199.8020,
-26.5244, 14.2056

■ 47.2790, -23.3085,
9.4023

■ 227.6880,
-26.9612, 14.3056

■ 28.0750, -13.8410,
6.0732

■ 248.8440,
-23.5871, 5.3988

■ 3.5220, -1.7363,
-3.0888

■ 252.0360,
-11.3567, 2.5994

■ 0.0000, 0.0000,
0.0000

■ 119.4750,
-23.8982, 11.8614

■ 119.4750,
-23.8982, 11.8614

■ 116.8190,
-28.9978, 14.1907

■ 122.1310,
-18.7986, 9.5321

■ 113.4620,
-34.2448, 17.1348

■ 125.4880,
-13.5516, 6.5880

■ 110.8060,
-39.3444, 19.4641

■ 128.1440, -8.4520,
4.2587

■ 108.1500,
-44.4440, 21.7934

■ 130.8000, -3.3524,
1.9294

■ 104.7930,
-49.6909, 24.7375

■ 134.1570, 1.8946,
-1.0147

■ 103.7500,
-51.1487, 25.6522

■ 136.8130, 6.9942,
-3.3440

■ 140.0560, 11.8044,
-6.1881

■ 142.7120, 16.9040,

-8.5174

■ 145.4820, 22.4404,
-10.9467

Harmonies

Analogous

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



121.3400, -22.3526, 29.5198



119.4750, -23.8982, 11.8614



116.5370, -18.0127, -9.2409

Triad

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



119.4750, -23.8982, 11.8614



98.8620, 25.7040, -77.9320



125.0650, 8.3490, 28.8840

Complementary

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



119.4750, -23.8982, 11.8614



84.5250, 23.8982, -11.8614

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.



124.2670, 18.6024, 6.7818



119.4750, -23.8982, 11.8614



109.9990, 28.1015, -53.4961

Square

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



119.4750, -23.8982, 11.8614



105.3840, 10.6567, -58.2188



119.3280, 25.9673, -22.2127



124.0420, -3.4717, 40.3052

Rectangle

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



119.4750, -23.8982, 11.8614



113.8000, -10.2544, -24.3806



119.3280, 25.9673, -22.2127



125.0580, 12.2964, 22.7511

Sweetspot

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



119.4750, -23.8982, 11.8614



167.9160, -9.3256, 4.4587



90.7920, -4.3345, 37.0164



83.5290, -5.6838, 3.0441



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.



119.4750, -23.8982, 11.8614



151.9630, -37.4498, 18.4494



119.9520, -24.1333, -6.0969



64.7290, -2.3314, 1.1147



101.6790, -50.1277, 24.8375



2.0710, -1.0210, 0.8147

Inverse Universe

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



84.5250, 23.8982, -11.8614



97.6240, 37.1604, -18.9642



84.0480, 24.1333, 6.0969



61.2710, 2.3314, -1.1147



28.3210, 50.1277, -24.8375



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 119.4750, -23.8982, 11.8614 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 119.4750, -23.8982, 11.8614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

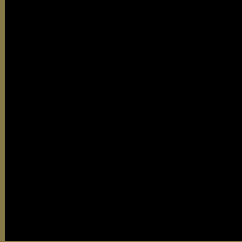
Any Text WCAG AA ✓ Pass

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 119.4750, -23.8982, 11.8614 Background



This preview shows how black text looks on a background with the YUV color 119.4750, -23.8982, 11.8614.



This preview shows how white text looks on a background with the YUV color 119.4750, -23.8982, 11.8614.

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

119.4750, -23.8982, 11.8614

Protanopia

119.4750, -23.8982, 11.8614

Deuteranopia

120.5520, -23.9361, 24.0719



Tritanopia

123.6040, 0.6882, 12.6253

Trichromacy



Original Color

119.4750, -23.8982, 11.8614

Protanomaly

119.4750, -23.8982, 11.8614

Deuteranomaly

120.2310, -23.7779, 19.9684

Tritanomaly

121.9000, -8.3317, 12.3657

Monochromacy



Original Color

119.4750, -23.8982, 11.8614

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.1440, -8.4520, 4.2587

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4750, -23.8982, 11.8614 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(133, 122, 71)` looks like.

```
.text, #text, p{  
    color:rgb(133, 122, 71)  
}
```

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(133, 122, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 122, 71) }
```

Border

The CSS property to change the border of an element to YUV 119.4750, -23.8982, 11.8614 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(133, 122, 71) }
```


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

```
.border{ border-color:rgb(133, 122, 71) }
```

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

Here you see how a box with a 4 pixel rgb(133, 122, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 122, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 122, 71);  
box-shadow:4px 4px 4px 4px rgb(133, 122,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 119.4750, -23.8982, 11.8614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 122, 71) }
```

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

```
.background{ background-color: rgb(133,  
122, 71) }
```

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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