

Converting Colors

YUV(119.8930, -21.1462,
15.8798)

Have a look what the booklet for
YUV(119.8930, -21.1462, 15.8798)
contains.

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Color

**YUV(119.8930, -21.1462,
15.8798)**

Conversions

Conversions Part 1

Format	Color
Hex	8A774D
RGB	138, 119, 77
RGB Percent	54%, 47%, 30%
CMY	0.4588, 0.5333, 0.6980
CMYK	0.00, 0.14, 0.44, 0.46
HSL	41°, 28%, 42%
HSV	41°, 44%, 54%
XYZ	18.4176, 19.1327, 9.7435
YIQ	119.8930, 24.8060, -9.0340

Conversions

Conversions Part 2

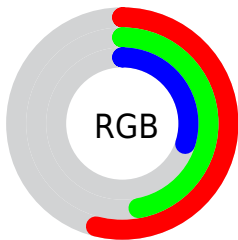
Format	Color
RYB	105, 138, 77
Decimal	9074509
CIELab	50.84, 1.22, 25.79
CIELCh	51, 25.817, 87.285
Yxy	19.1327, 0.3894, 0.4046
Android (android.graphics.Color)	4287264589 (0xFF8A774D)
YUV	119.8930, -21.1462, 15.8798
Hunter-Lab	43.7410, -1.3874, 17.4116

Details

The YUV color **119.8930, -21.1462, 15.8798** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **95.1070, 21.1462, -15.8798**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.5620, -22.4621, 17.9241**, and **70.9250, -19.6830, 13.2208** is the 20% darker color. If you saturate the color by 10%, you get **115.9490, -26.1039, 19.3387**, and if you desaturate by 10%, it is **123.8370, -16.1886, 12.4210**.

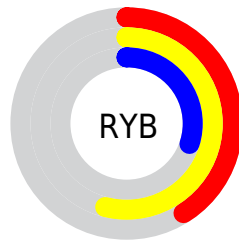
Distribution



Red (54%)

Green (47%)

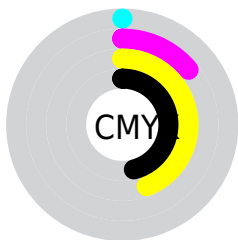
Blue (30%)



Red (41%)

Yellow (54%)

Blue (30%)

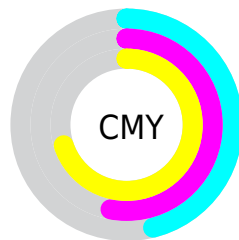


Cyan (0%)

Magenta (14%)

Yellow (44%)

Black (46%)



Cyan (46%)

Magenta (53%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.8930, -21.1462, 15.8798 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 119.8930, -21.1462, 15.8798 by changing the saturation by 10% instead.

■ 119.8930,
-21.1462, 15.8798

■ 119.8930,
-21.1462, 15.8798

■ 255.0000, 0.0000,
0.0000

■ 94.8220, -20.1252,
15.0651

■ 172.5620,
-22.4621, 17.9241

■ 70.9250, -19.6830,
13.2208

■ 199.7470,
-23.0463, 18.6389

■ 48.3270, -19.3882,
11.9912

■ 227.9320,
-23.6305, 19.3536

■ 28.0970, -13.8518,
9.5619

■ 249.5280,
-20.9663, 4.7989

■ 3.5660, -1.7580,
3.8886

■ 252.8340, -8.2992,
1.8996

■ 0.0000, 0.0000,
0.0000

■ 119.8930,
-21.1462, 15.8798

■ 119.8930,
-21.1462, 15.8798

■ 115.9490,
-26.1039, 19.3387

■ 123.8370,
-16.1886, 12.4210

■ 111.4180,
-30.7721, 23.3124

■ 128.3680,
-11.5204, 8.4473

■ 107.5880,
-35.2929, 26.6713

■ 132.1980, -6.9996,
5.0884

■ 103.6440,
-40.2505, 30.1302

■ 136.1420, -2.0420,
1.6295

■ 99.7000, -45.2081,
33.5891

■ 140.0860, 2.9156,
-1.8294

■ 97.0270, -47.8343,
35.9333

■ 144.6170, 7.5838,
-5.8031

■ 148.5610, 12.5414,
-9.2620

■ 152.3910, 17.0622,

-12.6209

■ 156.9220, 21.7305,
-16.5946

Harmonies

Analogous

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



121.1920, -17.8427, 29.6496



119.8930, -21.1462, 15.8798



117.5810, -18.0344, -2.2635

Triad

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



119.8930, -21.1462, 15.8798



107.4860, 16.0294, -54.8002



124.4660, 10.1233, 19.7623

Complementary

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



119.8930, -21.1462, 15.8798



95.1070, 21.1462, -15.8798

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.



122.5110, 18.4821, -1.3251



119.8930, -21.1462, 15.8798



110.9520, 22.7017, -48.1929

Square

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



119.8930, -21.1462, 15.8798



110.3600, 3.7665, -41.5347



117.9100, 23.2154, -26.2311



124.2090, -0.1030, 33.1427

Rectangle

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



119.8930, -21.1462, 15.8798



115.3990, -12.0287, -15.2589



117.9100, 23.2154, -26.2311



124.2310, 13.1971, 13.8294

Sweetspot

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



119.8930, -21.1462, 15.8798



171.5680, -8.1680, 6.5179



97.4050, -0.6927, 35.6018



85.0560, -4.9576, 3.4589



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



119.8930, -21.1462, 15.8798



150.5600, -32.8141, 24.9419



127.7570, -25.0232, -0.6639



67.0280, -2.4788, 1.7294



93.1840, -45.9397, 34.9186



3.8430, -1.8946, 1.0147

Inverse Universe

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



95.1070, 21.1462, -15.8798



111.8530, 33.1035, -24.4271



87.2430, 25.0232, 0.6639



63.9720, 2.4788, -1.7294



39.2290, 46.2291, -34.4038



1.7440, 1.6052, -1.5295

Previews

White Background



This preview shows how the YUV color 119.8930, -21.1462, 15.8798 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 119.8930, -21.1462, 15.8798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

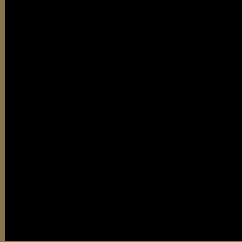
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.8930, -21.1462, 15.8798

Background



This preview shows how black text looks on a background with the YUV color 119.8930, -21.1462, 15.8798.



This preview shows how white text looks on a background with the YUV color 119.8930, -21.1462, 15.8798.

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

119.8930, -21.1462, 15.8798

Protanopia

119.3870, -20.4038, 11.0616

Deuteranopia

120.6380, -21.0205, 22.2425



Tritanopia

122.9960, -0.4910, 17.5435

Trichromacy



Original Color

119.8930, -21.1462, 15.8798

Protanomaly

119.3980, -20.4092, 12.8060

Deuteranomaly

120.3280, -20.8677, 19.8833

Tritanomaly

121.7480, -7.7638, 16.8840

Monochromacy



Original Color

119.8930, -21.1462, 15.8798

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.2690, -8.0206, 5.9031

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.8930, -21.1462, 15.8798 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(138, 119, 77)` looks like.

```
.text, #text, p{  
    color:rgb(138, 119, 77)  
}
```

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(138, 119, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 119, 77) }
```

Border

The CSS property to change the border of an element to YUV 119.8930, -21.1462, 15.8798 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(138, 119, 77) }
```


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

```
.border{ border-color:rgb(138, 119, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 119, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 119, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 119, 77);  
box-shadow:4px 4px 4px 4px rgb(138, 119,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 119.8930, -21.1462, 15.8798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 119, 77) }
```

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

```
.background{ background-color: rgb(138,  
119, 77) }
```

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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