

Converting Colors

YUV(119.1170, -44.4277,
16.5604)

Have a look what the booklet for
YUV(119.1170, -44.4277, 16.5604)
contains.

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Color

**YUV(119.1170, -44.4277,
16.5604)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7F1D
RGB	138, 127, 29
RGB Percent	54%, 50%, 11%
CMY	0.4588, 0.5020, 0.8863
CMYK	0.00, 0.08, 0.79, 0.46
HSL	54°, 65%, 33%
HSV	54°, 79%, 54%
XYZ	18.2924, 20.6707, 4.1881
YIQ	119.1170, 38.0140, -28.1460

Conversions

Conversions Part 2

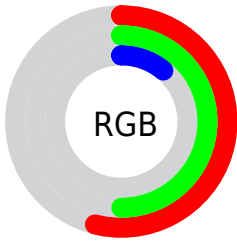
Format	Color
RYB	41, 138, 29
Decimal	9076509
CIELab	52.59, -6.96, 50.74
CIELCh	53, 51.216, 97.806
Yxy	20.6707, 0.4239, 0.4790
Android (android.graphics.Color)	4287266589 (0xFF8A7F1D)
YUV	119.1170, -44.4277, 16.5604
Hunter-Lab	45.4651, -7.7463, 26.3639

Details

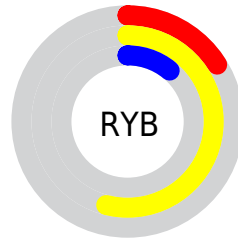
The YUV color **119.1170, -44.4277, 16.5604** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **47.8830, 44.4277, -16.5604**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4270, -44.5805, 18.9195**, and **70.9020, -34.9547, 11.4869** is the 20% darker color. If you saturate the color by 10%, you get **116.9340, -50.2535, 18.4749**, and if you desaturate by 10%, it is **121.3000, -38.6019, 14.6459**.

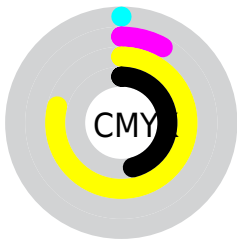
Distribution



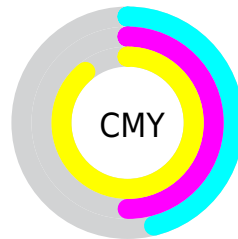
- Red (54%)
- Green (50%)
- Blue (11%)



- Red (16%)
- Yellow (54%)
- Blue (11%)



- Cyan (0%)
- Magenta (8%)
- Yellow (79%)
- Black (46%)



- Cyan (46%)
- Magenta (50%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.1170, -44.4277, 16.5604 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 119.1170, -44.4277, 16.5604 by changing the saturation by 10% instead.

■ 119.1170,
-44.4277, 16.5604

■ 119.1170,
-44.4277, 16.5604

■ 255.0000, 0.0000,
0.0000

■ 93.0630, -45.8801,
15.7307

■ 172.4270,
-44.5805, 18.9195

■ 70.9020, -34.9547,
11.4869

■ 200.4980,
-45.6015, 19.7343

■ 50.5130, -24.9029,
7.4431

■ 228.8680,
-46.7699, 21.1638

■ 30.7110, -15.1405,
2.8845

■ 244.3980,
-40.6222, 9.2980

■ 8.2180, -4.0515,
-7.2072

■ 247.4760,
-28.8287, 6.5985

■ 0.0000, 0.0000,
0.0000

■ 250.7820,

-16.1615, 3.6992

254.0880, -3.4944,
0.7998

119.1170,
-44.4277, 16.5604

119.1170,
-44.4277, 16.5604

116.9340,
-50.2535, 18.4749

121.3000,
-38.6019, 14.6459

114.1640,
-55.7899, 20.9042

124.0700,
-33.0655, 12.2166

114.0500,
-56.2266, 21.0042

126.1390,
-27.6765, 10.4021

128.9090,
-22.1401, 7.9728

131.0920,
-16.3144, 6.0583

■ 133.2750,
-10.4886, 4.1438

■ 136.0450, -4.9522,
1.7145

■ 138.1140, 0.4368,
-0.1000

■ 140.8840, 5.9732,
-2.5293

Harmonies

Analogous

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



122.1560, -40.0099, 46.3442



119.1170, -44.4277, 16.5604



114.0290, -31.0733, -20.1964

Triad

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



119.1170, -44.4277, 16.5604



105.4070, 35.7883, -92.4419



127.8690, 15.8406, 52.7349

Complementary

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



119.1170, -44.4277, 16.5604



47.8830, 44.4277, -16.5604

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.



128.9700, 32.5528, 12.3043



119.1170, -44.4277, 16.5604



105.1910, 50.1918, -92.2525

Square

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



119.1170, -44.4277, 16.5604



101.7930, 16.8641, -89.2725



114.9770, 48.3253, -53.4768



123.8270, -3.8587, 71.1887

Rectangle

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



119.1170, -44.4277, 16.5604



106.3590, -14.9670, -52.9348



114.9770, 48.3253, -53.4768



128.6980, 21.8409, 41.4839

Sweetspot

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



119.1170, -44.4277, 16.5604



171.1630, -17.3354, 6.8730



63.0730, -10.3890, 65.7110



84.8620, -10.7780, 3.6290



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.



119.1170, -44.4277, 16.5604



149.0540, -69.0466, 26.2626



113.0160, -41.4199, -14.9230



67.6150, -2.7682, 1.2146



109.6200, -54.0427, 20.5043



4.4300, -2.1840, 0.4999

Inverse Universe

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



47.8830, 44.4277, -16.5604



38.3590, 69.3360, -25.7478



53.9840, 41.4199, 14.9230



63.3850, 2.7682, -1.2146



22.7930, 54.3321, -19.9895



1.1570, 1.8946, -1.0147

Previews

White Background



This preview shows how the YUV color 119.1170, -44.4277, 16.5604 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 119.1170, -44.4277, 16.5604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

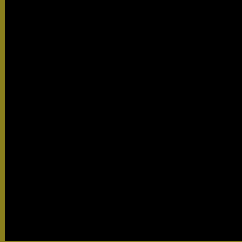
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.1170, -44.4277, 16.5604

Background



This preview shows how black text looks on a background with the YUV color 119.1170, -44.4277, 16.5604.



This preview shows how white text looks on a background with the YUV color 119.1170, -44.4277, 16.5604.

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

119.1170, -44.4277, 16.5604

Protanopia

119.4270, -44.5805, 18.9195

Deuteranopia

120.8570, -43.3135, 32.5744



Tritanopia

127.2130, 0.3880, 15.5992

Trichromacy



Original Color

119.1170, -44.4277, 16.5604

Protanomaly

119.1280, -44.4331, 18.3047

Deuteranomaly

120.4110, -43.5866, 26.8266

Tritanomaly

123.9730, -15.7627, 15.8097

Monochromacy



Original Color

119.1170, -44.4277, 16.5604

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.0920, -16.3144, 6.0583

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.1170, -44.4277, 16.5604 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, 127, 29)` looks like.

```
.text, #text, p{  
    color:rgb(138, 127, 29)  
}
```

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, 127, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 127, 29) }
```

Border

The CSS property to change the border of an element to YUV 119.1170, -44.4277, 16.5604 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, 127, 29) }
```


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

```
.border{ border-color:rgb(138, 127, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 127, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 127, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 127, 29);  
box-shadow:4px 4px 4px 4px rgb(138, 127,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 119.1170, -44.4277, 16.5604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 127, 29) }
```

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

```
.background{ background-color: rgb(138,  
127, 29) }
```

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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