

Converting Colors

YUV(119.9750, -45.8367,
1.7759)

Have a look what the booklet for
YUV(119.9750, -45.8367, 1.7759)
contains.

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Color

**YUV(119.9750, -45.8367,
1.7759)**

Conversions

Conversions Part 1

Format	Color
Hex	7A891B
RGB	122, 137, 27
RGB Percent	48%, 54%, 11%
CMY	0.5216, 0.4627, 0.8941
CMYK	0.11, 0.00, 0.80, 0.46
HSL	68°, 67%, 32%
HSV	68°, 80%, 54%
XYZ	17.1695, 22.1080, 4.3993
YIQ	119.9750, 26.3700, -37.3900

Conversions

Conversions Part 2

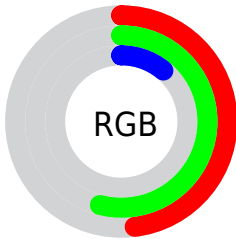
Format	Color
R_{YB}	27, 137, 42
Decimal	8030491
CIE Lab	54.14, -19.69, 52.31
CIE LCh	54, 55.888, 110.626
Yxy	22.1080, 0.3931, 0.5062
Android (android.graphics.Color)	4286220571 (0xFF7A891B)
YUV	119.9750, -45.8367, 1.7759
Hunter-Lab	47.0192, -17.1025, 27.3661

Details

The YUV color **119.9750, -45.8367, 1.7759** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **44.0250, 45.8367, -1.7759**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6870, -45.6947, 2.9055**, and **71.7000, -35.3481, -2.3679** is the 20% darker color. If you saturate the color by 10%, you get **117.7810, -51.6570, 1.9461**, and if you desaturate by 10%, it is **122.1690, -40.0163, 1.6058**.

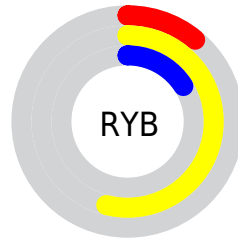
Distribution



Red (48%)

Green (54%)

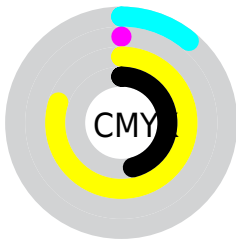
Blue (11%)



Red (11%)

Yellow (54%)

Blue (16%)

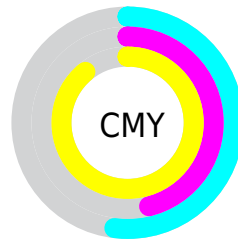


Cyan (11%)

Magenta (0%)

Yellow (80%)

Black (46%)



Cyan (52%)

Magenta (46%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.9750, -45.8367, 1.7759 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 119.9750, -45.8367, 1.7759 by changing the saturation by 10% instead.

■ 119.9750,
-45.8367, 1.7759

■ 119.9750,
-45.8367, 1.7759

■ 255.0000, 0.0000,
0.0000

■ 94.1490, -46.4155,
0.7463

■ 173.6870,
-45.6947, 2.9055

■ 71.7000, -35.3481,
-2.3679

■ 201.8720,
-46.2789, 3.6203

■ 50.7240, -25.0069,
-5.8969

■ 230.5300,
-47.5893, 3.9202

■ 30.0360, -14.8077,
-10.5556

■ 244.3980,
-40.6222, 9.2980

■ 13.5010, -6.6560,
-11.8404

■ 247.5900,
-28.3919, 6.4986

■ 0.0000, 0.0000,
0.0000

■ 250.7820,

-16.1615, 3.6992

254.0880, -3.4944,
0.7998

119.9750,
-45.8367, 1.7759

119.9750,
-45.8367, 1.7759

117.7810,
-51.6570, 1.9461

122.1690,
-40.0163, 1.6058

115.7010,
-57.0406, 2.0162

124.2490,
-34.6328, 1.5356

126.4430,
-28.8124, 1.3655

128.3380,
-22.8446, 0.5806

130.5320,
-17.0243, 0.4104

■ 132.6120,
-11.6407, 0.3403

■ 134.8060, -5.8204,
0.1701

■ 137.0000, 0.0000,
0.0000

■ 139.0800, 5.3836,
-0.0702

Harmonies

Analogous

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



124.1690, -49.8763, 37.5628



119.9750, -45.8367, 1.7759



111.9380, -23.1404, -44.6726

Triad

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



119.9750, -45.8367, 1.7759



110.6050, 45.5507, -97.0006



129.1440, 8.8030, 70.0337

Complementary

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



119.9750, -45.8367, 1.7759



44.0250, 45.8367, -1.7759

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.



133.3750, 28.4091, 34.7511



119.9750, -45.8367, 1.7759



107.2430, 58.0542, -94.0521

Square

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



119.9750, -45.8367, 1.7759



107.6920, 26.7738, -94.4459



127.4800, 45.6124, -23.2230



126.2380, -13.9213, 78.7213

Rectangle

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



119.9750, -45.8367, 1.7759



98.9940, -1.4760, -86.8177



127.4800, 45.6124, -23.2230



130.6250, 15.9609, 60.8419

Sweetspot

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



119.9750, -45.8367, 1.7759



172.3040, -17.8979, 0.6104



68.6950, -20.5556, 59.9035



85.1390, -10.9145, 0.7551



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.



119.9750, -45.8367, 1.7759



152.2160, -71.5915, 2.4416



103.5300, -37.7293, -32.0368



67.9030, -2.9102, 0.0851



112.4560, -55.4408, 2.2311



4.1310, -2.0366, -0.1149

Inverse Universe

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



44.0250, 45.8367, -1.7759



33.7840, 71.5915, -2.4416



60.4700, 37.7293, 32.0368



63.0970, 2.9102, -0.0851



20.5440, 55.4408, -2.2311



0.8690, 2.0366, 0.1149

Previews

White Background



This preview shows how the YUV color 119.9750, -45.8367, 1.7759 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 119.9750, -45.8367, 1.7759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

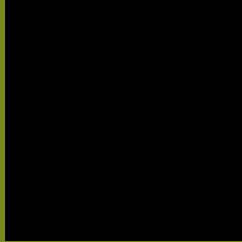
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.9750, -45.8367, 1.7759

Background



This preview shows how black text looks on a background with the YUV color 119.9750, -45.8367, 1.7759.



This preview shows how white text looks on a background with the YUV color 119.9750, -45.8367, 1.7759.

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

119.9750, -45.8367, 1.7759

Protanopia

122.8140, -48.2223, 20.3341

Deuteranopia

124.6290, -44.1871, 32.7744



Tritanopia

130.3360, 3.7784, 1.4593

Trichromacy



Original Color

119.9750, -45.8367, 1.7759

Protanomaly

121.9980, -47.3270, 13.1568

Deuteranomaly

122.7370, -44.7333, 21.2787

Tritanomaly

126.3410, -13.9721, 1.4549

Monochromacy



Original Color

119.9750, -45.8367, 1.7759

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9450, -16.7349, 0.9252

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.9750, -45.8367, 1.7759 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(122, 137, 27)` looks like.

```
.text, #text, p{  
    color:rgb(122, 137, 27)  
}
```

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(122, 137, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 137, 27) }
```

Border

The CSS property to change the border of an element to YUV 119.9750, -45.8367, 1.7759 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(122, 137, 27) }
```


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

```
.border{ border-color:rgb(122, 137, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 137, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 137, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 137, 27);  
box-shadow:4px 4px 4px 4px rgb(122, 137,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 119.9750, -45.8367, 1.7759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 137, 27) }
```

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

```
.background{ background-color: rgb(122,  
137, 27) }
```

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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