

Converting Colors

YUV(117.7470, -6.2843, 8.9919)

Have a look what the booklet for
YUV(117.7470, -6.2843, 8.9919)
contains.

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Color

**YUV(117.7470, -6.2843,
8.9919)**

Conversions

Conversions Part 1

Format	Color
Hex	807369
RGB	128, 115, 105
RGB Percent	50%, 45%, 41%
CMY	0.4980, 0.5490, 0.5882
CMYK	0.00, 0.10, 0.18, 0.50
HSL	26°, 10%, 46%
HSV	26°, 18%, 50%
XYZ	17.5826, 17.8706, 15.8873
YIQ	117.7470, 10.9580, -0.3540

Conversions

Conversions Part 2

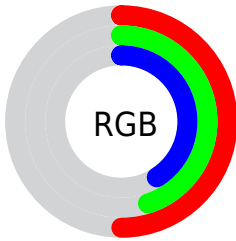
Format	Color
RYB	128, 123, 105
Decimal	8418153
CIELab	49.34, 3.26, 7.36
CIELCh	49, 8.052, 66.098
Yxy	17.8706, 0.3425, 0.3481
Android (android.graphics.Color)	4286608233 (0xFF807369)
YUV	117.7470, -6.2843, 8.9919
Hunter-Lab	42.2736, 0.2637, 7.3092

Details

The YUV color **117.7470, -6.2843, 8.9919** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.2530, 6.2843, -8.9919**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.9320, -6.8685, 9.7066**, and **69.5620, -5.7001, 8.2771** is the 20% darker color. If you saturate the color by 10%, you get **112.1560, -9.9369, 13.8952**, and if you desaturate by 10%, it is **123.3380, -2.6316, 4.0886**.

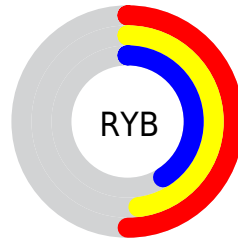
Distribution



Red (50%)

Green (45%)

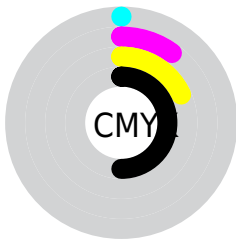
Blue (41%)



Red (50%)

Yellow (48%)

Blue (41%)

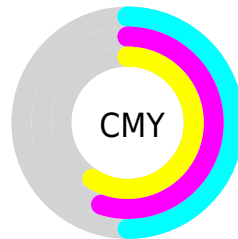


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.7470, -6.2843, 8.9919 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 117.7470, -6.2843, 8.9919 by changing the saturation by 10% instead.

■ 117.7470, -6.2843,
8.9919

■ 117.7470, -6.2843,
8.9919

■ 255.0000, 0.0000,
0.0000

■ 92.8610, -5.8475,
8.8919

■ 169.9320, -6.8685,
9.7066

■ 69.5620, -5.7001,
8.2771

■ 197.2310, -7.0159,
10.3214

■ 47.2630, -5.5527,
7.6623

■ 225.2310, -7.0159,
10.3214

■ 25.9640, -5.4053,
7.0476

■ 250.8280, -5.8312,
3.6588

■ 0.2990, -0.1474,
0.6148

■ 0.0000, 0.0000,
0.0000

■ 117.7470, -6.2843,
8.9919

■ 117.7470, -6.2843,
8.9919

■ 112.1560, -9.9369,
13.8952

■ 123.3380, -2.6316,
4.0886

■ 106.5650,
-13.5895, 18.7985

■ 128.9290, 1.0210,
-0.8147

■ 100.5010,
-16.5160, 24.1166

■ 134.9930, 3.9475,
-6.1329

■ 94.9100, -20.1686,
29.0199

■ 140.5840, 7.6001,
-11.0362

■ 89.3190, -23.8213,
33.9232

■ 146.1750, 11.2527,
-15.9395

■ 83.7280, -27.4739,
38.8265

■ 151.7660, 14.9054,
-20.8428

■ 77.5500, -30.8371,
44.2447

■ 157.9440, 18.2686,
-26.2609

■ 72.0730, -34.0530,

■ 163.4210, 21.4844,

49.0480

-31.0642

■ 71.1440, -35.0740,
49.8627

■ 169.0120, 25.1371,
-35.9675

Harmonies

Analogous

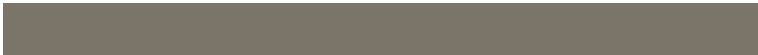
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



118.3390, -4.1111, 11.9807



117.7470, -6.2843, 8.9919



117.0130, -6.4154, 4.3736

Triad

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



117.7470, -6.2843, 8.9919



114.6780, 1.6377, -11.9956



117.9770, 4.9413, 1.7742

Complementary

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



117.7470, -6.2843, 8.9919



115.2530, 6.2843, -8.9919

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.



117.1010, 6.8522, -4.4736



117.7470, -6.2843, 8.9919



115.1770, 4.8427, -13.3102

Square

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



117.7470, -6.2843, 8.9919



115.4890, -1.7201, -8.3219



115.6550, 6.5791, -10.2214



118.6250, 2.1569, 8.2219

Rectangle

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



117.7470, -6.2843, 8.9919



116.5070, -5.6730, -0.4446



115.6550, 6.5791, -10.2214



118.0800, 5.3836, -0.0702

Sweetspot

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



117.7470, -6.2843, 8.9919



162.0390, -2.4842, 3.4738



113.3590, 2.2880, 12.8402



81.6690, -1.3158, 2.0443



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



117.7470, -6.2843, 8.9919



149.4550, -10.0843, 14.5100



124.2040, -9.4676, 3.3291



60.8540, -1.9000, 2.7590



70.5570, -34.7846, 50.3775



0.0000, 0.0000, 0.0000

Inverse Universe

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



115.2530, 6.2843, -8.9919



145.5450, 10.0843, -14.5100



108.7960, 9.4676, -3.3291



60.1460, 1.9000, -2.7590



56.8560, 35.0740, -49.8627



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 117.7470, -6.2843, 8.9919 looks on a white 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

Black Background



This preview shows how the YUV color 117.7470, -6.2843, 8.9919 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 117.7470, -6.2843, 8.9919

Background



This preview shows how black text looks on a background with the YUV color 117.7470, -6.2843, 8.9919.



This preview shows how white text looks on a background with the YUV color 117.7470, -6.2843,

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

117.7470, -6.2843, 8.9919

Protanopia

117.2410, -5.5418, 4.1736

Deuteranopia

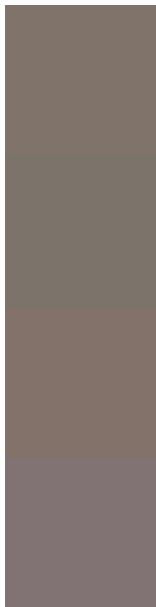
118.0680, -6.4425, 13.0954



Tritanopia

118.9950, 0.9885, 9.6514

Trichromacy



Original Color

117.7470, -6.2843, 8.9919

Protanomaly

117.2520, -5.5472, 5.9180

Deuteranomaly

118.0570, -6.4371, 11.3510

Tritanomaly

118.5990, -1.7743, 9.1217

Monochromacy



Original Color

117.7470, -6.2843, 8.9919

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0390, -2.4842, 3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7470, -6.2843, 8.9919 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(128, 115, 105)` looks like.

```
.text, #text, p{  
    color:rgb(128, 115, 105)  
}
```

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(128, 115, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 115, 105) }
```

Border

The CSS property to change the border of an element to YUV 117.7470, -6.2843, 8.9919 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(128, 115, 105) }
```


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

```
.border{ border-color:rgb(128, 115, 105) }
```

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

Here you see how a box with a 4 pixel rgb(128, 115, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 115, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 115, 105);  
box-shadow:4px 4px 4px 4px rgb(128, 115,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 117.7470, -6.2843, 8.9919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 115, 105) }
```

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

```
.background{ background-color: rgb(128,  
115, 105) }
```

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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