

Converting Colors

YUV(117.5660, -28.3800,
49.4926)

Have a look what the booklet for
YUV(117.5660, -28.3800, 49.4926)
contains.

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Color

**YUV(117.5660, -28.3800,
49.4926)**

Conversions

Conversions Part 1

Format	Color
Hex	AE643C
RGB	174, 100, 60
RGB Percent	68%, 39%, 24%
CMY	0.3176, 0.6078, 0.7647
CMYK	0.00, 0.43, 0.66, 0.32
HSL	21°, 49%, 46%
HSV	21°, 66%, 68%
XYZ	22.8283, 18.4393, 6.6309
YIQ	117.5660, 56.9440, 3.2480

Conversions

Conversions Part 2

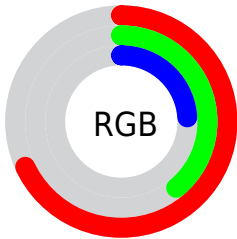
Format	Color
RYB	174, 122, 60
Decimal	11428924
CIELab	50.02, 26.21, 35.15
CIElCh	50, 43.846, 53.287
Yxy	18.4393, 0.4766, 0.3850
Android (android.graphics.Color)	4289619004 (0xFFAE643C)
YUV	117.5660, -28.3800, 49.4926
Hunter-Lab	42.9410, 19.7478, 20.9031

Details

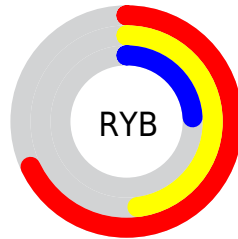
The YUV color **117.5660, -28.3800, 49.4926** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **116.4340, 28.3800, -49.4926**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3170, -30.7223, 54.0960**, and **67.1030, -26.1798, 43.7597** is the 20% darker color. If you saturate the color by 10%, you get **109.1710, -32.6223, 56.8550**, and if you desaturate by 10%, it is **125.9610, -24.1378, 42.1302**.

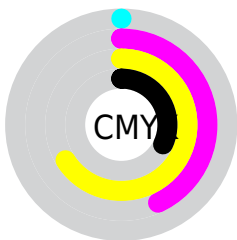
Distribution



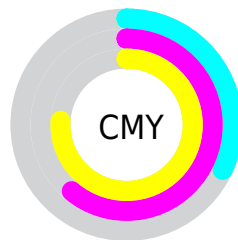
- Red (68%)
- Green (39%)
- Blue (24%)



- Red (68%)
- Yellow (48%)
- Blue (24%)



- Cyan (0%)
- Magenta (43%)
- Yellow (66%)
- Black (32%)





- Cyan (32%)
- Magenta (61%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.5660, -28.3800, 49.4926 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 117.5660, -28.3800, 49.4926 by changing the saturation by 10% instead.


 117.5660,
-28.3800, 49.4926

 117.5660,
-28.3800, 49.4926


255.0000, 0.0000,
0.0000


 91.5980, -26.9168,
46.8336


 171.3170,
-30.7223, 54.0960


 67.1030, -26.1798,
43.7597


 196.5940,
-30.8588, 51.2221


 43.9330, -21.6590,
40.4008

 215.5210,
-26.8789, 34.6231

 21.4730, -10.5862,
35.5422

 235.6220,
-23.4776, 16.9945

 12.0740, -5.4595,
24.4911

 250.5540,
-17.0351, 3.8991

 0.0000, 0.0000,
0.0000

 253.7460, -4.8048,

1.0998

■ 117.5660,
-28.3800, 49.4926

■ 117.5660,
-28.3800, 49.4926

■ 109.1710,
-32.6223, 56.8550

■ 125.9610,
-24.1378, 42.1302

■ 100.0750,
-37.0120, 64.8322

■ 135.0570,
-19.7481, 34.1530

■ 91.6800, -41.2542,
72.1946

■ 143.4520,
-15.5058, 26.7906

■ 87.8330, -43.3017,
75.5685

■ 151.9610,
-10.8268, 19.3282

■ 160.3560, -6.5845,
11.9658

■ 169.3380, -2.6316,
4.0886

■ 177.8470, 2.0474,
-3.3738

■ 186.2420, 6.2897,
-10.7362

■ 195.3380, 10.6794,
-18.7134

Harmonies

Analogous

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



118.3560, -12.9935, 61.0778



117.5660, -28.3800, 49.4926



115.5450, -36.7507, 27.5860

Triad

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



117.5660, -28.3800, 49.4926



92.8450, 7.9644, -81.4251



119.7560, 33.6443, -11.1870

Complementary

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



117.5660, -28.3800, 49.4926



116.4340, 28.3800, -49.4926

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.



95.9640, 47.8387, -84.1604



117.5660, -28.3800, 49.4926



97.1770, 24.5627, -85.2242

Square

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



117.5660, -28.3800, 49.4926



105.8280, -16.1842, -35.8062



98.9500, 38.9716, -86.7792



122.5780, 20.4210, 30.1881

Rectangle

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



117.5660, -28.3800, 49.4926



113.4780, -35.2387, 9.2278



98.9500, 38.9716, -86.7792



115.3840, 37.7717, -28.4008

Sweetspot

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



117.5660, -28.3800, 49.4926



204.2600, -10.9742, 19.9430



102.5220, 15.5187, 62.6862



101.2420, -7.0213, 12.0658



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



117.5660, -28.3800, 49.4926



138.5020, -44.6175, 77.6127



151.0250, -44.8753, 20.1491



82.4520, -2.1948, 3.9886



75.9610, -37.4488, 64.9322



11.5730, -5.7055, 10.0215

Inverse Universe

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



116.4340, 28.3800, -49.4926



136.4980, 44.6175, -77.6127



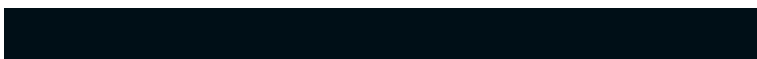
82.9750, 44.8753, -20.1491



82.5480, 2.1948, -3.9886



74.6260, 37.1594, -65.4470



11.4270, 5.7055, -10.0215

Previews

White Background



This preview shows how the YUV color 117.5660, -28.3800, 49.4926 looks on a white background.

Color Contrast Check

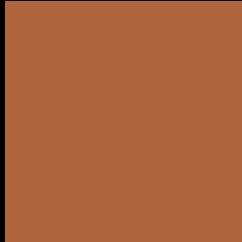
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.5660, -28.3800, 49.4926 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 117.5660, -28.3800, 49.4926

Background



This preview shows how black text looks on a background with the YUV color 117.5660, -28.3800, 49.4926.



This preview shows how white text looks on a background with the YUV color 117.5660, -28.3800,

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

117.5660, -28.3800, 49.4926

Protanopia

117.2470, -24.7718, 12.0614

Deuteranopia

117.3690, -29.7619, 25.9864



Tritanopia

120.3160, -9.0298, 49.7119

Trichromacy



Original Color

117.5660, -28.3800, 49.4926

Protanomaly

117.5800, -26.4149, 25.8013

Deuteranomaly

117.5380, -29.3522, 34.6082

Tritanomaly

119.4810, -16.0131, 49.5672

Monochromacy



Original Color

117.5660, -28.3800, 49.4926

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.4770, -10.0952, 17.9987

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.5660, -28.3800, 49.4926 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(174, 100, 60)` looks like.

```
.text, #text, p{  
    color:rgb(174, 100, 60)  
}
```

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(174, 100, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 100, 60) }
```

Border

The CSS property to change the border of an element to YUV 117.5660, -28.3800, 49.4926 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(174, 100, 60) }
```


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

```
.border{ border-color:rgb(174, 100, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 100, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 100, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 100, 60);  
box-shadow:4px 4px 4px 4px rgb(174, 100,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 117.5660, -28.3800, 49.4926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 100, 60) }
```

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

```
.background{ background-color: rgb(174,  
100, 60) }
```

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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