

Converting Colors

YUV(117.1680, -28.1838,
33.1787)

Have a look what the booklet for
YUV(117.1680, -28.1838, 33.1787)
contains.

YUV(117.1680, -28.1838, 33.1787)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(117.1680, -28.1838,
33.1787)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6D3C
RGB	155, 109, 60
RGB Percent	61%, 43%, 24%
CMY	0.3922, 0.5725, 0.7647
CMYK	0.00, 0.30, 0.61, 0.39
HSL	31°, 44%, 42%
HSV	31°, 61%, 61%
XYZ	19.8018, 18.2321, 6.7504
YIQ	117.1680, 43.1450, -5.4870

Conversions

Conversions Part 2

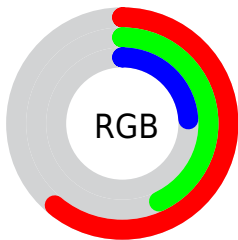
Format	Color
R_{YB}	149, 155, 60
Decimal	10186044
CIE Lab	49.78, 12.89, 34.25
CIE LCh	50, 36.596, 69.376
Yxy	18.2321, 0.4422, 0.4071
Android (android.graphics.Color)	4288376124 (0xFF9B6D3C)
YUV	117.1680, -28.1838, 33.1787
Hunter-Lab	42.6990, 8.0566, 20.5160

Details

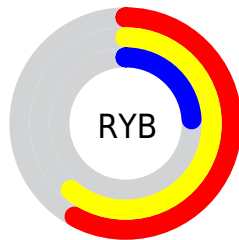
The YUV color **117.1680, -28.1838, 33.1787** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **97.8320, 28.1838, -33.1787**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3210, -30.2313, 36.5525**, and **67.3030, -26.2784, 28.6753** is the 20% darker color. If you saturate the color by 10%, you get **110.7620, -32.4207, 38.7967**, and if you desaturate by 10%, it is **123.5740, -23.9470, 27.5606**.

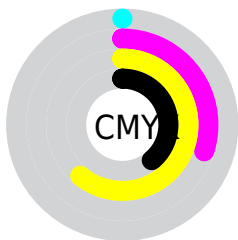
Distribution



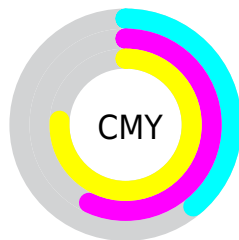
- Red (61%)
- Green (43%)
- Blue (24%)



- Red (58%)
- Yellow (61%)
- Blue (24%)



- Cyan (0%)
- Magenta (30%)
- Yellow (61%)
- Black (39%)



- Cyan (39%)
- Magenta (57%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.1680, -28.1838, 33.1787 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 117.1680, -28.1838, 33.1787 by changing the saturation by 10% instead.

■ 117.1680,
-28.1838, 33.1787

■ 117.1680,
-28.1838, 33.1787

■ 255.0000, 0.0000,
0.0000

■ 92.0860, -27.1574,
30.6196

■ 170.3210,
-30.2313, 36.5525

■ 67.3030, -26.2784,
28.6753

■ 198.1040,
-31.1103, 38.4968

■ 45.3180, -22.3418,
26.0311

■ 220.8040,
-29.4834, 29.9899

■ 25.5050, -12.5740,
19.7281

■ 240.9050,
-26.0822, 12.3613

■ 7.5890, -3.2484,
15.2694

■ 250.5540,
-17.0351, 3.8991

■ 0.0000, 0.0000,
0.0000

■ 253.8600, -4.3680,

0.9998

■ 117.1680,
-28.1838, 33.1787

■ 117.1680,
-28.1838, 33.1787

■ 110.7620,
-32.4207, 38.7967

■ 123.5740,
-23.9470, 27.5606

■ 104.8290,
-37.3837, 44.0000

■ 129.5070,
-18.9840, 22.3574

■ 98.4230, -41.6205,
49.6180

■ 135.9130,
-14.7471, 16.7393

■ 93.3050, -45.9994,
54.1065

■ 141.8460, -9.7841,
11.5361

■ 148.3660, -5.1104,
5.8180

■ 154.1850, -0.5842,
0.7148

■ 160.7050, 4.0894,
-5.0033

■ 166.5240, 8.6157,
-10.1065

■ 173.0440, 13.2893,
-15.8246

Harmonies

Analogous

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



118.3730, -18.9179, 47.9079



117.1680, -28.1838, 33.1787



114.9820, -29.5711, 11.4168

Triad

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



117.1680, -28.1838, 33.1787



93.1360, 16.6950, -81.6803



121.3260, 22.5173, 11.1151

Complementary

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



117.1680, -28.1838, 33.1787



97.8320, 28.1838, -33.1787

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.



115.2010, 31.9459, -26.4863



117.1680, -28.1838, 33.1787



95.9690, 30.0883, -84.1648

Square

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



117.1680, -28.1838, 33.1787



103.8510, -4.3635, -47.2273



95.2000, 39.8344, -83.4904



121.4620, 9.6322, 37.3058

Rectangle

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



117.1680, -28.1838, 33.1787



112.7240, -25.0069, -5.8969



95.2000, 39.8344, -83.4904



120.7590, 25.7548, -0.6656

Sweetspot

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



117.1680, -28.1838, 33.1787



186.9170, -10.8051, 12.3508



93.8770, 6.9626, 53.6049



93.0350, -6.4263, 7.8623



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



117.1680, -28.1838, 33.1787



141.7500, -44.2467, 51.9622



144.1700, -41.4958, 9.4979



73.7400, -2.3368, 2.8590



84.1240, -41.4731, 49.0033



7.9960, -3.9420, 4.3885

Inverse Universe

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



97.8320, 28.1838, -33.1787



111.8370, 43.9574, -52.4770



70.8300, 41.4958, -9.4979



72.2600, 2.3368, -2.8590



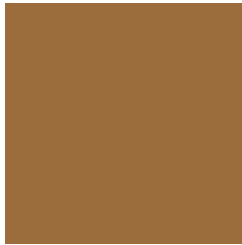
55.8760, 41.4731, -49.0033



5.0040, 3.9420, -4.3885

Previews

White Background



This preview shows how the YUV color 117.1680, -28.1838, 33.1787 looks on a white background.

Color Contrast Check

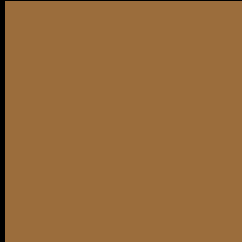
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.1680, -28.1838, 33.1787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

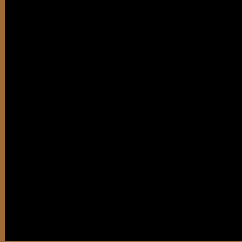
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.1680, -28.1838, 33.1787

Background



This preview shows how black text looks on a background with the YUV color 117.1680, -28.1838, 33.1787.



This preview shows how white text looks on a background with the YUV color 117.1680, -28.1838, 33.1787.

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

117.1680, -28.1838, 33.1787

Protanopia

116.2040, -26.2296, 12.9761

Deuteranopia

116.7110, -28.4515, 25.6865



Tritanopia

120.6560, -4.7604, 33.6277

Trichromacy



Original Color

117.1680, -28.1838, 33.1787

Protanomaly

116.4330, -26.8355, 20.6683

Deuteranomaly

117.0210, -28.6044, 28.0456

Tritanomaly

119.3650, -13.4909, 33.8829

Monochromacy



Original Color

117.1680, -28.1838, 33.1787

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0310, -10.3683, 12.2508

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.1680, -28.1838, 33.1787 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(155, 109, 60)` looks like.

```
.text, #text, p{  
    color:rgb(155, 109, 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(155, 109, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 109, 60) }
```

Border

The CSS property to change the border of an element to YUV 117.1680, -28.1838, 33.1787 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(155, 109, 60) }
```


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

```
.border{ border-color:rgb(155, 109, 60) }
```

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

Here you see how a box with a 4 pixel rgb(155, 109, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 109, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 109, 60);  
box-shadow:4px 4px 4px 4px rgb(155, 109,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 117.1680, -28.1838, 33.1787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 109, 60) }
```

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

```
.background{ background-color: rgb(155,  
109, 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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