

Converting Colors

YUV(117.0550, -33.5511,
28.0158)

Have a look what the booklet for
YUV(117.0550, -33.5511, 28.0158)
contains.

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Color

**YUV(117.0550, -33.5511,
28.0158)**

Conversions

Conversions Part 1

Format	Color
Hex	957231
RGB	149, 114, 49
RGB Percent	58%, 45%, 19%
CMY	0.4157, 0.5529, 0.8078
CMYK	0.00, 0.23, 0.67, 0.42
HSL	39°, 51%, 39%
HSV	39°, 67%, 58%
XYZ	18.9661, 18.6459, 5.5051
YIQ	117.0550, 41.7250, -12.7950

Conversions

Conversions Part 2

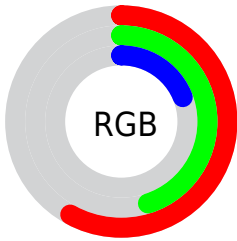
Format	Color
R_{YB}	103, 149, 49
Decimal	9794097
CIE _{Lab}	50.27, 6.53, 40.30
CIE _{LCh}	50, 40.830, 80.795
Yxy	18.6459, 0.4399, 0.4324
Android (android.graphics.Color)	4287984177 (0xFF957231)
YUV	117.0550, -33.5511, 28.0158
Hunter-Lab	43.1809, 2.8349, 22.6678

Details

The YUV color **117.0550, -33.5511, 28.0158** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **80.9450, 33.5511, -28.0158**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2080, -35.5985, 31.3896**, and **67.1470, -33.1035, 24.4271** is the 20% darker color. If you saturate the color by 10%, you get **112.4100, -38.6561, 32.0894**, and if you desaturate by 10%, it is **121.7000, -28.4461, 23.9421**.

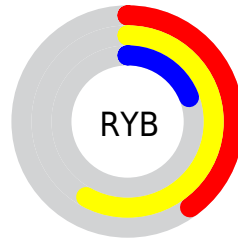
Distribution



Red (58%)

Green (45%)

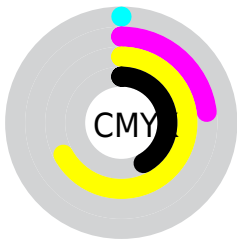
Blue (19%)



Red (40%)

Yellow (58%)

Blue (19%)

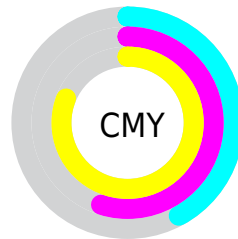


Cyan (0%)

Magenta (23%)

Yellow (67%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.0550, -33.5511, 28.0158 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 117.0550, -33.5511, 28.0158 by changing the saturation by 10% instead.

■ 117.0550,
-33.5511, 28.0158

■ 117.0550,
-33.5511, 28.0158

■ 255.0000, 0.0000,
0.0000

■ 92.1580, -33.1089,
26.1714

■ 170.2080,
-35.5985, 31.3896

■ 67.1470, -33.1035,
24.4271

■ 197.6920,
-36.3302, 32.7191

■ 46.4590, -22.9043,
19.7685

■ 223.0720,
-36.0245, 28.0009

■ 26.9450, -13.2839,
14.0802

■ 242.5860,
-32.3339, 10.8871

■ 5.0830, -2.5059,
10.4512

■ 249.3000,
-21.8399, 4.9989

■ 0.0000, 0.0000,
0.0000

■ 252.6060, -9.1728,

2.0995

■ 117.0550,
-33.5511, 28.0158

■ 117.0550,
-33.5511, 28.0158

■ 112.4100,
-38.6561, 32.0894

■ 121.7000,
-28.4461, 23.9421

■ 107.7650,
-43.7611, 36.1631

■ 126.3450,
-23.3411, 19.8684

■ 102.5330,
-48.5768, 40.7516

■ 131.5770,
-18.5255, 15.2800

■ 101.4900,
-50.0346, 41.6663

■ 136.2220,
-13.4204, 11.2063

■ 140.8670, -8.3154,
7.1326

■ 145.3980, -3.6472,
3.1590

■ 150.6300, 1.1684,
-1.4295

■ 155.2750, 6.2734,
-5.5032

■ 159.9200, 11.3784,
-9.5768

Harmonies

Analogous

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



118.6520, -25.4644, 47.6632



117.0550, -33.5511, 28.0158



113.9870, -30.5596, 1.7654

Triad

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



117.0550, -33.5511, 28.0158



96.7210, 22.8155, -84.8243



123.4310, 20.0005, 25.0550

Complementary

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



117.0550, -33.5511, 28.0158



80.9450, 33.5511, -28.0158

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.



119.6910, 32.1973, -13.7610



117.0550, -33.5511, 28.0158



98.3800, 36.7877, -86.2793

Square

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



117.0550, -33.5511, 28.0158



92.0300, 7.3802, -80.7103



95.3940, 45.6548, -83.6605



121.6870, 5.0843, 49.3865

Rectangle

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



117.0550, -33.5511, 28.0158



110.6300, -22.4956, -18.0925



95.3940, 45.6548, -83.6605



122.8040, 24.2536, 14.2039

Sweetspot

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



117.0550, -33.5511, 28.0158



181.3360, -12.9836, 11.1063



82.8900, 0.5472, 57.9785



89.6820, -7.7312, 6.4179



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



117.0550, -33.5511, 28.0158



143.8170, -52.6608, 44.0105



133.1150, -41.4687, 0.7761



71.4410, -2.1894, 2.2442



94.0920, -46.3874, 38.5073



7.0990, -3.4998, 2.5442

Inverse Universe

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



80.9450, 33.5511, -28.0158



87.1830, 52.6608, -44.0105



64.8850, 41.4687, -0.7761



68.9720, 2.4788, -1.7294



43.9080, 46.3874, -38.5073



3.4880, 3.2104, -3.0590

Previews

White Background



This preview shows how the YUV color 117.0550, -33.5511, 28.0158 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 117.0550, -33.5511, 28.0158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

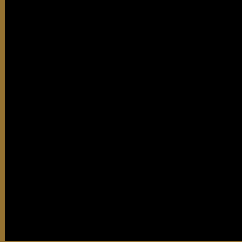
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.0550, -33.5511, 28.0158

Background



This preview shows how black text looks on a background with the YUV color 117.0550, -33.5511, 28.0158.



This preview shows how white text looks on a background with the YUV color 117.0550, -33.5511, 28.0158.

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

117.0550, -33.5511, 28.0158

Protanopia

116.0210, -32.0554, 14.8906

Deuteranopia

117.0550, -33.5511, 28.0158



Tritanopia

121.9650, -3.4337, 28.0947

Trichromacy



Original Color

117.0550, -33.5511, 28.0158

Protanomaly

116.5270, -32.7978, 19.7088

Deuteranomaly

117.0550, -33.5511, 28.0158

Tritanomaly

120.3920, -14.4903, 27.7202

Monochromacy



Original Color

117.0550, -33.5511, 28.0158

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1510, -12.3994, 10.3916

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.0550, -33.5511, 28.0158 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(149, 114, 49)` looks like.

```
.text, #text, p{  
    color:rgb(149, 114, 49)  
}
```

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(149, 114, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 114, 49) }
```

Border

The CSS property to change the border of an element to YUV 117.0550, -33.5511, 28.0158 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(149, 114, 49) }
```


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

```
.border{ border-color:rgb(149, 114, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 114, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 114, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 114, 49);  
box-shadow:4px 4px 4px 4px rgb(149, 114,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 117.0550, -33.5511, 28.0158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 114, 49) }
```

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

```
.background{ background-color: rgb(149,  
114, 49) }
```

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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