

Converting Colors

YUV(116.8550, -16.6905,
33.4532)

Have a look what the booklet for
YUV(116.8550, -16.6905, 33.4532)
contains.

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Color

**YUV(116.8550, -16.6905,
33.4532)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6853
RGB	155, 104, 83
RGB Percent	61%, 41%, 33%
CMY	0.3922, 0.5922, 0.6745
CMYK	0.00, 0.33, 0.46, 0.39
HSL	18°, 30%, 47%
HSV	18°, 46%, 61%
XYZ	20.0292, 17.4937, 10.5046
YIQ	116.8550, 37.1370, 4.2810

Conversions

Conversions Part 2

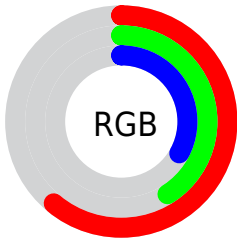
Format	Color
R_{YB}	155, 113, 83
Decimal	10184787
CIE Lab	48.88, 17.90, 20.13
CIE LCh	49, 26.936, 48.350
Yxy	17.4937, 0.4170, 0.3642
Android (android.graphics.Color)	4288374867 (0xFF9B6853)
YUV	116.8550, -16.6905, 33.4532
Hunter-Lab	41.8255, 12.2847, 14.3870

Details

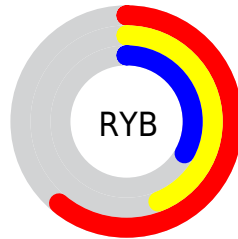
The YUV color **116.8550, -16.6905, 33.4532** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **121.1450, 16.6905, -33.4532**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2360, -17.8643, 36.6270**, and **67.4030, -14.4957, 29.4646** is the 20% darker color. If you saturate the color by 10%, you get **108.6880, -20.0592, 40.6156**, and if you desaturate by 10%, it is **125.0220, -13.3218, 26.2907**.

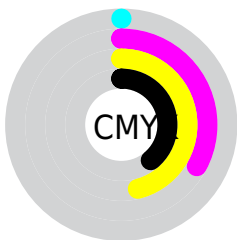
Distribution



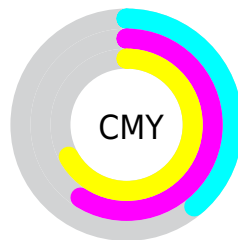
- Red (61%)
- Green (41%)
- Blue (33%)



- Red (61%)
- Yellow (44%)
- Blue (33%)



- Cyan (0%)
- Magenta (33%)
- Yellow (46%)
- Black (39%)



- Cyan (39%)
- Magenta (59%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.8550, -16.6905, 33.4532 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 116.8550, -16.6905, 33.4532 by changing the saturation by 10% instead.

■ 116.8550,
-16.6905, 33.4532

■ 116.8550,
-16.6905, 33.4532

■ 255.0000, 0.0000,
0.0000

■ 92.0720, -15.8115,
31.5089

■ 169.2360,
-17.8643, 36.6270

■ 67.4030, -14.4957,
29.4646

■ 196.7200,
-18.5960, 37.9566

■ 44.3210, -13.4693,
26.9055

■ 220.7190,
-17.1165, 30.0644

■ 22.8800, -11.2798,
24.6612

■ 240.3470,
-12.9891, 12.8507

■ 7.8880, -3.3958,
15.8842

■ 253.5180, -5.6784,
1.2997

■ 0.0000, 0.0000,
0.0000

■ 116.8550,
-16.6905, 33.4532

■ 116.8550,
-16.6905, 33.4532

■ 108.6880,
-20.0592, 40.6156

■ 125.0220,
-13.3218, 26.2907

■ 100.4070,
-23.8647, 47.8781

■ 133.3030, -9.5164,
19.0283

■ 92.2400, -27.2333,
55.0405

■ 141.5840, -5.7109,
11.7658

■ 83.9590, -31.0388,
62.3030

■ 149.7510, -2.3422,
4.6034

■ 75.7920, -34.4075,
69.4654

■ 158.0320, 1.4632,
-2.6591

■ 72.7600, -35.8707,
72.1245

■ 166.1990, 4.8319,
-9.8215

■ 174.4800, 8.6374,
-17.0840

■ 182.6470, 12.0060,

-24.2464

■ 190.9280, 15.8115,
-31.5089

Harmonies

Analogous

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



117.9940, -7.3920, 37.7163



116.8550, -16.6905, 33.4532



115.5130, -21.4519, 20.5981

Triad

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



116.8550, -16.6905, 33.4532



106.0570, -0.0281, -37.7610



116.1510, 21.1246, -8.9024

Complementary

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



116.8550, -16.6905, 33.4532



121.1450, 16.6905, -33.4532

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.



109.8980, 24.7003, -35.8675



116.8550, -16.6905, 33.4532



100.4210, 14.5824, -57.3742

Square

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



116.8550, -16.6905, 33.4532



110.2740, -12.4601, -16.9033



101.4130, 23.4604, -58.2442



119.0570, 13.7759, 14.8590

Rectangle

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



116.8550, -16.6905, 33.4532



114.1480, -21.2720, 9.5172



101.4130, 23.4604, -58.2442



114.5520, 22.8989, -18.0241

Sweetspot

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



116.8550, -16.6905, 33.4532



186.0680, -6.4425, 13.0954



110.4560, 12.1002, 39.0651



93.0180, -3.9529, 7.8772



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.



116.8550, -16.6905, 33.4532



141.8590, -26.0595, 51.8667



137.4000, -26.8192, 15.4352



72.5660, -1.7580, 3.8886



65.9270, -32.5020, 64.9620



6.2350, -3.0739, 5.9329

Inverse Universe

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



121.1450, 16.6905, -33.4532



148.7280, 25.7701, -52.3815



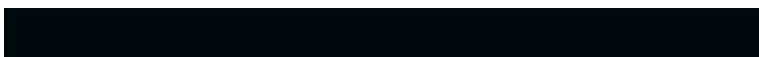
100.6000, 26.8192, -15.4352



72.8470, 2.0474, -3.3738



74.0730, 32.5020, -64.9620



6.7650, 3.0739, -5.9329

Previews

White Background



This preview shows how the YUV color 116.8550, -16.6905, 33.4532 looks on a white background.

Color Contrast Check

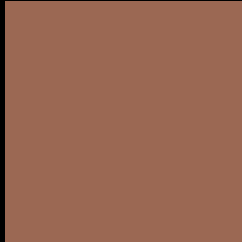
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.8550, -16.6905, 33.4532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

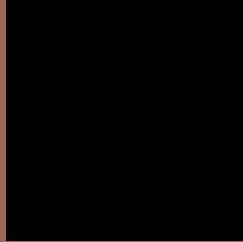
Any Text WCAG AA ✓ Pass

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 116.8550, -16.6905, 33.4532 Background



This preview shows how black text looks on a background with the YUV color 116.8550, -16.6905, 33.4532.



This preview shows how white text looks on a background with the YUV color 116.8550, -16.6905,

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

116.8550, -16.6905, 33.4532

Protanopia

115.4990, -13.5570, 8.3324

Deuteranopia

116.6530, -17.0839, 19.5983



Tritanopia

118.5420, -5.1972, 33.7277

Trichromacy



Original Color

116.8550, -16.6905, 33.4532

Protanomaly

116.2120, -14.8945, 17.3541

Deuteranomaly

116.6860, -17.1002, 24.8314

Tritanomaly

117.8040, -9.2704, 33.4979

Monochromacy



Original Color

116.8550, -16.6905, 33.4532

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8830, -5.8583, 12.3806

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8550, -16.6905, 33.4532 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, 104, 83)` looks like.

```
.text, #text, p{  
    color:rgb(155, 104, 83)  
}
```

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, 104, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 104, 83) }
```

Border

The CSS property to change the border of an element to YUV 116.8550, -16.6905, 33.4532 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, 104, 83) }
```


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

```
.border{ border-color:rgb(155, 104, 83) }
```

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

Here you see how a box with a 4 pixel rgb(155, 104, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 104, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 104, 83);  
box-shadow:4px 4px 4px 4px rgb(155, 104,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 116.8550, -16.6905, 33.4532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 104, 83) }
```

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

```
.background{ background-color: rgb(155,  
104, 83) }
```

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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