

Converting Colors

YUV(111.4530, -16.9853,
34.6827)

Have a look what the booklet for
YUV(111.4530, -16.9853, 34.6827)
contains.

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Color

**YUV(111.4530, -16.9853,
34.6827)**

Conversions

Conversions Part 1

Format	Color
Hex	97624D
RGB	151, 98, 77
RGB Percent	59%, 38%, 30%
CMY	0.4078, 0.6157, 0.6980
CMYK	0.00, 0.35, 0.49, 0.41
HSL	17°, 32%, 45%
HSV	17°, 49%, 59%
XYZ	18.4697, 15.8505, 9.1072
YIQ	111.4530, 38.3290, 4.7050

Conversions

Conversions Part 2

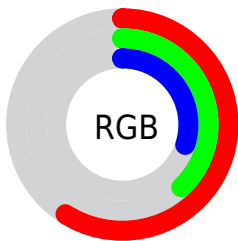
Format	Color
RYB	151, 106, 77
Decimal	9921101
CIELab	46.78, 19.01, 20.77
CIELCh	47, 28.161, 47.529
Yxy	15.8505, 0.4253, 0.3650
Android (android.graphics.Color)	4288111181 (0xFF97624D)
YUV	111.4530, -16.9853, 34.6827
Hunter-Lab	39.8127, 13.1368, 14.3063

Details

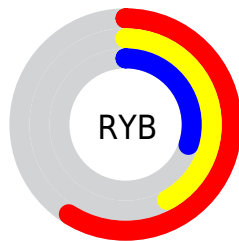
The YUV color **111.4530, -16.9853, 34.6827** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **116.5470, 16.9853, -34.6827**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7200, -18.5960, 37.9566**, and **62.5880, -15.0799, 30.1793** is the 20% darker color. If you saturate the color by 10%, you get **103.2860, -20.3540, 41.8452**, and if you desaturate by 10%, it is **119.6200, -13.6167, 27.5203**.

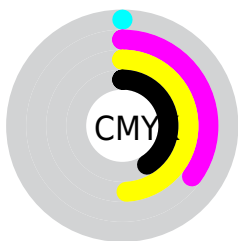
Distribution



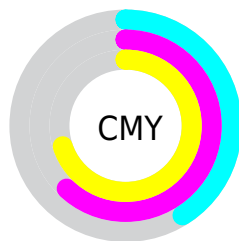
- Red (59%)
- Green (38%)
- Blue (30%)



- Red (59%)
- Yellow (42%)
- Blue (30%)



- Cyan (0%)
- Magenta (35%)
- Yellow (49%)
- Black (41%)



- Cyan (41%)
- Magenta (62%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.4530, -16.9853, 34.6827 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 111.4530, -16.9853, 34.6827 by changing the saturation by 10% instead.

■ 111.4530,
-16.9853, 34.6827

■ 111.4530,
-16.9853, 34.6827

■ 255.0000, 0.0000,
0.0000

■ 86.6700, -16.1063,
32.7384

■ 163.7200,
-18.5960, 37.9566

■ 62.5880, -15.0799,
30.1793

■ 191.2040,
-19.3276, 39.2861

■ 39.6910, -14.6377,
28.3350

■ 215.8120,
-18.1483, 34.3679

■ 18.1620, -8.9539,
25.2909

■ 236.0270,
-14.3103, 16.6393

■ 3.8870, -1.9163,
7.9921

■ 252.7200, -8.7360,
1.9996

■ 0.0000, 0.0000,
0.0000

■ 111.4530,
-16.9853, 34.6827

■ 111.4530,
-16.9853, 34.6827

■ 103.2860,
-20.3540, 41.8452

■ 119.6200,
-13.6167, 27.5203

■ 95.1190, -23.7227,
49.0076

■ 127.7870,
-10.2480, 20.3578

■ 87.5390, -27.3807,
55.6553

■ 135.3670, -6.5899,
13.7101

■ 79.3720, -30.7494,
62.8178

■ 143.5340, -3.2213,
6.5477

■ 71.2050, -34.1181,
69.9802

■ 151.8150, 0.5842,
-0.7148

■ 70.3900, -34.7023,
70.6950

■ 159.9820, 3.9529,
-7.8772

■ 168.1490, 7.3215,
-15.0397

■ 176.3160, 10.6902,

-22.2021

■ 183.8960, 14.3483,
-28.8498

Harmonies

Analogous

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



112.7060, -7.2501, 38.8458



111.4530, -16.9853, 34.6827



109.9970, -22.1835, 21.9276

Triad

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



111.4530, -16.9853, 34.6827



100.0460, -0.0227, -39.5053



110.7810, 22.2930, -10.3319

Complementary

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



111.4530, -16.9853, 34.6827



116.5470, 16.9853, -34.6827

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.



103.3320, 26.4583, -39.7562



111.4530, -16.9853, 34.6827



91.1210, 16.2093, -65.8811

Square

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



111.4530, -16.9853, 34.6827



105.0460, -13.3337, -16.7033



90.5470, 26.8453, -70.6397



114.1710, 14.2127, 14.7590

Rectangle

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



111.4530, -16.9853, 34.6827



108.5180, -22.4404, 10.9467



90.5470, 26.8453, -70.6397



108.7690, 23.7779, -19.9684

Sweetspot

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



111.4530, -16.9853, 34.6827



180.3670, -6.5899, 13.7101



105.1680, 12.2422, 40.1947



90.0180, -3.9529, 7.8772



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



111.4530, -16.9853, 34.6827



134.1690, -26.2123, 54.2258



133.1720, -27.6928, 15.6352



72.5660, -1.7580, 3.8886



65.3400, -32.2126, 65.4768



6.2350, -3.0739, 5.9329

Inverse Universe

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



116.5470, 16.9853, -34.6827



142.2440, 26.5017, -53.7110



94.8280, 27.6928, -15.6352



72.8470, 2.0474, -3.3738



74.6600, 32.2126, -65.4768



6.7650, 3.0739, -5.9329

Previews

White Background



This preview shows how the YUV color 111.4530, -16.9853, 34.6827 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 111.4530, -16.9853, 34.6827 looks on a black 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

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

YUV 111.4530, -16.9853, 34.6827

Background



This preview shows how black text looks on a background with the YUV color 111.4530, -16.9853, 34.6827.



This preview shows how white text looks on a background with the YUV color 111.4530, -16.9853, 34.6827.

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

111.4530, -16.9853, 34.6827

Protanopia

110.2000, -13.4096, 7.7176

Deuteranopia

110.5390, -17.5207, 19.6983



Tritanopia

113.1400, -5.4920, 34.9572

Trichromacy



Original Color

111.4530, -16.9853, 34.6827

Protanomaly

110.6250, -14.6051, 17.8689

Deuteranomaly

110.9850, -17.2476, 25.4462

Tritanomaly

112.4020, -9.5652, 34.7274

Monochromacy



Original Color

111.4530, -16.9853, 34.6827

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.1820, -6.0057, 12.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.4530, -16.9853, 34.6827 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(151, 98, 77)` looks like.

```
.text, #text, p{  
    color:rgb(151, 98, 77)  
}
```

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(151, 98, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 98, 77) }
```

Border

The CSS property to change the border of an element to YUV 111.4530, -16.9853, 34.6827 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(151, 98, 77) }
```


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

```
.border{ border-color:rgb(151, 98, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 98, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 98, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 98, 77);  
box-shadow:4px 4px 4px 4px rgb(151, 98,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 111.4530, -16.9853, 34.6827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 98, 77) }
```

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

```
.background{ background-color: rgb(151, 98,  
77) }
```

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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