

Converting Colors

YUV(112.4550, -16.9863,
-11.8000)

Have a look what the booklet for
YUV(112.4550, -16.9863, -11.8000)
contains.

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Color

**YUV(112.4550, -16.9863,
-11.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	637E4E
RGB	99, 126, 78
RGB Percent	39%, 49%, 31%
CMY	0.6118, 0.5059, 0.6941
CMYK	0.21, 0.00, 0.38, 0.51
HSL	94°, 24%, 40%
HSV	94°, 38%, 49%
XYZ	13.9816, 18.1244, 9.9692
YIQ	112.4550, -0.6840, -20.6520

Conversions

Conversions Part 2

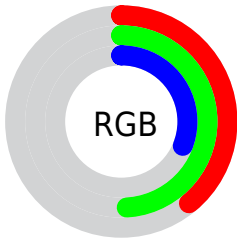
Format	Color
R_{YB}	78, 126, 105
Decimal	6520398
CIE _{Lab}	49.65, -19.02, 23.04
CIE _{LCh}	50, 29.876, 129.535
Yxy	18.1244, 0.3323, 0.4308
Android (android.graphics.Color)	4284710478 (0xFF637E4E)
YUV	112.4550, -16.9863, -11.8000
Hunter-Lab	42.5728, -15.8801, 15.9171

Details

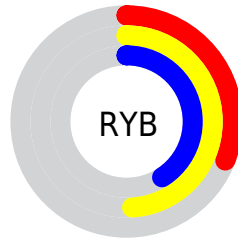
The YUV color $112.4550, -16.9863, -11.8000$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $91.5450, 16.9863, 11.8000$, and the grayscale version is $113.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $164.8140, -18.1493, -12.1149$, and $64.0960, -15.8233, -11.4852$ is the 20% darker color. If you saturate the color by 10%, you get $108.8800, -21.6328, -14.8038$, and if you desaturate by 10%, it is $116.0300, -12.3398, -8.7963$.

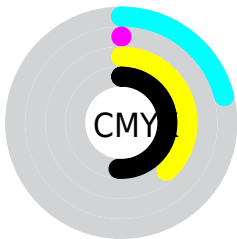
Distribution



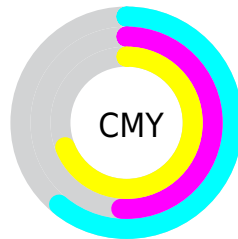
- Red (39%)
- Green (49%)
- Blue (31%)



- Red (31%)
- Yellow (49%)
- Blue (41%)



- Cyan (21%)
- Magenta (0%)
- Yellow (38%)
- Black (51%)



- Cyan (61%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.4550, -16.9863, -11.8000 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 112.4550, -16.9863, -11.8000 by changing the saturation by 10% instead.

■ 112.4550,
-16.9863, -11.8000

■ 112.4550,
-16.9863, -11.8000

■ 255.0000, 0.0000,
0.0000

■ 87.6830, -16.1127,
-12.0000

■ 164.8140,
-18.1493, -12.1149

■ 64.0960, -15.8233,
-11.4852

■ 191.7000,
-18.5861, -12.0149

■ 41.2100, -15.3865,
-11.5852

■ 219.8740,
-19.1649, -13.0445

■ 20.5670, -10.1395,
-14.5293

■ 243.3630,
-17.4340, -8.2114

■ 0.0000, 0.0000,
0.0000

■ 252.9480, -7.8624,
1.7996

■ 112.4550,
-16.9863, -11.8000

■ 112.4550,
-16.9863, -11.8000

■ 108.8800,
-21.6328, -14.8038

■ 116.0300,
-12.3398, -8.7963

■ 105.4190,
-25.8426, -17.9075

■ 119.4910, -8.1301,
-5.6926

■ 101.8440,
-30.4891, -20.9112

■ 123.0660, -3.4835,
-2.6889

■ 98.3830, -34.6988,
-24.0149

■ 126.5270, 0.7262,
0.4148

■ 94.8080, -39.3453,
-27.0186

■ 130.1020, 5.3727,
3.4185

■ 90.9340, -43.8445,
-30.6371

■ 133.9760, 9.8718,
7.0370

■ 90.4070, -44.5707,
-31.0519

■ 137.4370, 14.0816,
10.1408

■ 141.0120, 18.7281,

13.1445

■ 144.4730, 22.9378,
16.2482

Harmonies

Analogous

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



115.4640, -23.8928, 10.1171



112.4550, -16.9863, -11.8000



107.6290, -4.2541, -35.6316

Triad

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



112.4550, -16.9863, -11.8000



106.5370, 28.8223, -51.3369



120.1130, -4.4927, 41.1199

Complementary

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



112.4550, -16.9863, -11.8000



91.5450, 16.9863, 11.8000

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.



121.4350, 7.1805, 30.3135



112.4550, -16.9863, -11.8000



116.5240, 25.3777, -19.7535

Square

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



112.4550, -16.9863, -11.8000



93.4100, 27.8989, -81.9206



120.4630, 18.0127, 9.2409



118.8280, -15.6912, 39.6158

Rectangle

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



112.4550, -16.9863, -11.8000



102.7930, 7.0041, -53.3155



120.4630, 18.0127, 9.2409



120.4270, -0.7035, 39.0905

Sweetspot

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



112.4550, -16.9863, -11.8000



157.9580, -6.3883, -4.3482



107.6140, -14.5997, 16.1245



78.9520, -3.9203, -2.5889



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



112.4550, -16.9863, -11.8000



141.8920, -26.5688, -18.3223



106.4040, -13.0172, -24.9103



62.0060, -2.4680, -1.7593



91.8800, -45.2968, -31.4668



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.5450, 16.9863, 11.8000



109.1080, 26.5688, 18.3223



97.5960, 13.0172, 24.9103



58.9940, 2.4680, 1.7593



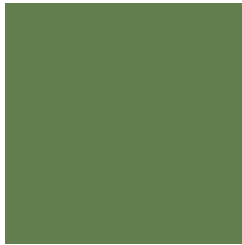
36.1200, 45.2968, 31.4668



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 112.4550, -16.9863, -11.8000 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 112.4550, -16.9863, -11.8000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

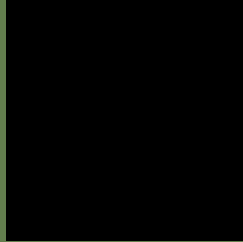
Any Text WCAG AA ✓ Pass

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 112.4550, -16.9863, -11.8000 Background



This preview shows how black text looks on a background with the YUV color 112.4550, -16.9863, -11.8000.



This preview shows how white text looks on a background with the YUV color 112.4550, -16.9863, -11.8000.

-11.8000.

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

112.4550, -16.9863, -11.8000

Protanopia

116.0880, -20.2564, 10.4468

Deuteranopia

117.7240, -18.1049, 20.4131



Tritanopia

117.1390, 5.8475, -8.8919

Trichromacy



Original Color

112.4550, -16.9863, -11.8000

Protanomaly

114.6740, -19.0663, 2.0399

Deuteranomaly

116.0600, -17.7776, 8.7174

Tritanomaly

115.2500, -2.5882, -9.8663

Monochromacy



Original Color

112.4550, -16.9863, -11.8000

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0720, -5.9515, -4.4481

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.4550, -16.9863, -11.8000 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(99, 126, 78)` looks like.

```
.text, #text, p{  
    color:rgb(99, 126, 78)  
}
```

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(99, 126, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 126, 78) }
```

Border

The CSS property to change the border of an element to YUV 112.4550, -16.9863, -11.8000 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(99, 126, 78) }
```


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

```
.border{ border-color:rgb(99, 126, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 126, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 126, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 126, 78);  
box-shadow:4px 4px 4px 4px rgb(99, 126,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 112.4550, -16.9863, -11.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 126, 78) }
```

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

```
.background{ background-color: rgb(99, 126,  
78) }
```

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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