

Converting Colors

YUV(118.8850, -19.1703,
-11.3001)

Have a look what the booklet for
YUV(118.8850, -19.1703, -11.3001)
contains.

YUV(118.8850, -19.1703, -11.3001)	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(118.8850, -19.1703,
-11.3001)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8550
RGB	106, 133, 80
RGB Percent	42%, 52%, 31%
CMY	0.5843, 0.4784, 0.6863
CMYK	0.20, 0.00, 0.40, 0.48
HSL	91°, 25%, 42%
HSV	91°, 40%, 52%
XYZ	15.7794, 20.4184, 10.6989
YIQ	118.8850, 0.9210, -22.2070

Conversions

Conversions Part 2

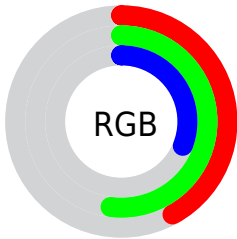
Format	Color
R_{YB}	80, 133, 107
Decimal	6980944
CIE _{Lab}	52.31, -19.62, 25.48
CIE _{LCh}	52, 32.162, 127.603
Yxy	20.4184, 0.3365, 0.4354
Android (android.graphics.Color)	4285171024 (0xFF6A8550)
YUV	118.8850, -19.1703, -11.3001
Hunter-Lab	45.1867, -16.7440, 17.5926

Details

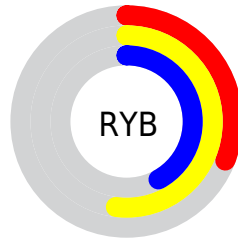
The YUV color **118.8850, -19.1703, -11.3001** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **94.1150, 19.1703, 11.3001**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.2440, -20.3333, -11.6150**, and **69.6400, -17.5705, -11.0853** is the 20% darker color. If you saturate the color by 10%, you get **115.3100, -23.8168, -14.3039**, and if you desaturate by 10%, it is **122.4600, -14.5238, -8.2964**.

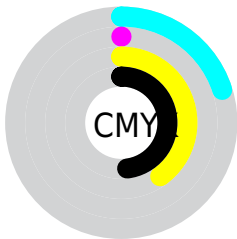
Distribution



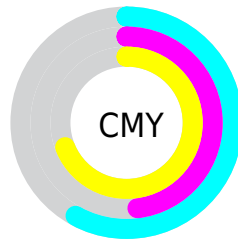
- Red (42%)
- Green (52%)
- Blue (31%)



- Red (31%)
- Yellow (52%)
- Blue (42%)



- Cyan (20%)
- Magenta (0%)
- Yellow (40%)
- Black (48%)



- Cyan (58%)
- Magenta (48%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.8850, -19.1703, -11.3001 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 118.8850, -19.1703, -11.3001 by changing the saturation by 10% instead.

■ 118.8850,
-19.1703, -11.3001

■ 118.8850,
-19.1703, -11.3001

■ 255.0000, 0.0000,
0.0000

■ 93.9990, -18.7335,
-11.4001

■ 171.2440,
-20.3333, -11.6150

■ 69.6400, -17.5705,
-11.0853

■ 198.7170,
-21.0595, -12.0298

■ 46.7540, -17.1337,
-11.1853

■ 226.6030,
-21.4963, -11.9298

■ 26.1930, -12.9131,
-11.5703

■ 246.0970,
-17.3028, -3.5931

■ 8.8050, -4.3409,
-7.7220

■ 253.1760, -6.9888,
1.5996

■ 0.0000, 0.0000,
0.0000

■ 118.8850,
-19.1703, -11.3001

■ 118.8850,
-19.1703, -11.3001

■ 115.3100,
-23.8168, -14.3039

■ 122.4600,
-14.5238, -8.2964

■ 111.6210,
-28.9002, -17.2076

■ 126.1490, -9.4405,
-5.3927

■ 108.3450,
-33.6941, -19.5966

■ 129.4250, -4.6465,
-3.0037

■ 104.7700,
-38.3406, -22.6003

■ 133.0000, 0.0000,
0.0000

■ 101.0810,
-43.4239, -25.5040

■ 136.6890, 5.0833,
2.9037

■ 97.5060, -48.0705,
-28.5078

■ 140.2640, 9.7298,
5.9075

■ 143.5400, 14.5238,
8.2964

■ 147.1150, 19.1703,

11.3001

■ 150.8040, 24.2536,
14.2039

Harmonies

Analogous

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



121.9050, -26.0822, 12.3613



118.8850, -19.1703, -11.3001



113.9770, -5.4117, -37.6908

Triad

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



118.8850, -19.1703, -11.3001



110.2800, 31.9070, -60.7586



127.2490, -4.0668, 44.5086

Complementary

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



118.8850, -19.1703, -11.3001



94.1150, 19.1703, 11.3001

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.



128.2010, 8.7749, 32.2727



118.8850, -19.1703, -11.3001



122.1860, 28.0093, -23.8421

Square

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



118.8850, -19.1703, -11.3001



99.0180, 29.0781, -86.8388



127.7340, 20.3441, 8.1263



125.6220, -16.5756, 43.3045

Rectangle

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



118.8850, -19.1703, -11.3001



108.3580, 6.7255, -57.3190



127.7340, 20.3441, 8.1263



127.3780, 0.3066, 41.7645

Sweetspot

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



118.8850, -19.1703, -11.3001



167.7300, -7.2619, -4.1482



111.6960, -15.6261, 18.6836



83.8380, -4.3571, -2.4889



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



118.8850, -19.1703, -11.3001



150.9800, -30.0631, -17.5225



111.1110, -15.3377, -27.2843



64.4190, -2.1786, -1.2445



95.4460, -47.0549, -27.5781



2.0600, -1.0156, -0.9296

Inverse Universe

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



94.1150, 19.1703, 11.3001



112.3190, 29.9157, 18.1372



101.8890, 15.3377, 27.2843



61.5810, 2.1786, 1.2445



34.5540, 47.0549, 27.5781



0.6410, 1.1630, 0.3148

Previews

White Background



This preview shows how the YUV color 118.8850, -19.1703, -11.3001 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 118.8850, -19.1703, -11.3001 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 118.8850, -19.1703, -11.3001 Background



This preview shows how black text looks on a background with the YUV color 118.8850, -19.1703, -11.3001.



This preview shows how white text looks on a background with the YUV color 118.8850, -19.1703, -11.3001.

-11.3001.

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

118.8850, -19.1703, -11.3001

Protanopia

122.2300, -22.2984, 12.0763

Deuteranopia

123.8660, -20.1469, 22.0425



Tritanopia

123.5520, 6.1369, -8.3771

Trichromacy



Original Color

118.8850, -19.1703, -11.3001

Protanomaly

120.8160, -21.1083, 3.6694

Deuteranomaly

121.9030, -19.6722, 9.7321

Tritanomaly

122.1360, -3.0250, -9.7663

Monochromacy



Original Color

118.8850, -19.1703, -11.3001

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8440, -6.8251, -4.2482

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.8850, -19.1703, -11.3001 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(106, 133, 80)` looks like.

```
.text, #text, p{  
    color:rgb(106, 133, 80)  
}
```

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(106, 133, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 133, 80) }
```

Border

The CSS property to change the border of an element to YUV 118.8850, -19.1703, -11.3001 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(106, 133, 80) }
```


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

```
.border{ border-color:rgb(106, 133, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 133, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 133, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 133, 80);  
box-shadow:4px 4px 4px 4px rgb(106, 133,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 118.8850, -19.1703, -11.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 133, 80) }
```

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

```
.background{ background-color: rgb(106,  
133, 80) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor