

Converting Colors

YUV(118.4300, -25.8480,
-16.1631)

Have a look what the booklet for
YUV(118.4300, -25.8480, -16.1631)
contains.

YUV(118.4300, -25.8480, -16.1631)	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(118.4300, -25.8480,
-16.1631)**

Conversions

Conversions Part 1

Format	Color
Hex	648A42
RGB	100, 138, 66
RGB Percent	39%, 54%, 26%
CMY	0.6078, 0.4588, 0.7412
CMYK	0.28, 0.00, 0.52, 0.46
HSL	92°, 35%, 40%
HSV	92°, 52%, 54%
XYZ	15.3274, 21.2796, 8.4538
YIQ	118.4300, 0.4640, -30.4480

Conversions

Conversions Part 2

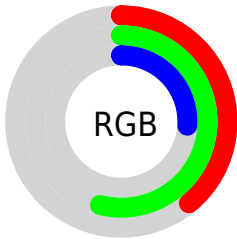
Format	Color
R_{YB}	66, 138, 104
Decimal	6588994
CIE _{Lab}	53.25, -26.36, 34.08
CIE _{LCh}	53, 43.084, 127.716
Yxy	21.2796, 0.3401, 0.4722
Android (android.graphics.Color)	4284779074 (0xFF648A42)
YUV	118.4300, -25.8480, -16.1631
Hunter-Lab	46.1298, -21.4178, 21.4254

Details

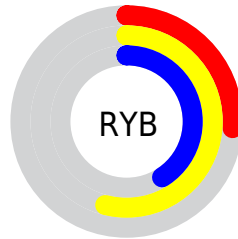
The YUV color **118.4300, -25.8480, -16.1631** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **85.5700, 25.8480, 16.1631**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6750, -27.4478, -16.3780**, and **68.6580, -24.9744, -16.3631** is the 20% darker color. If you saturate the color by 10%, you get **114.7410, -30.9313, -19.0669**, and if you desaturate by 10%, it is **122.1190, -20.7647, -13.2594**.

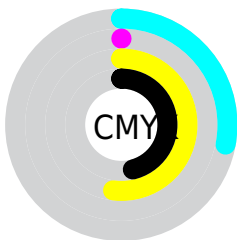
Distribution



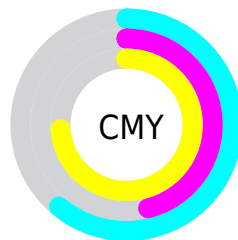
- Red (39%)
- Green (54%)
- Blue (26%)



- Red (26%)
- Yellow (54%)
- Blue (41%)



- Cyan (28%)
- Magenta (0%)
- Yellow (52%)
- Black (46%)



- Cyan (61%)
- Magenta (46%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.4300, -25.8480, -16.1631 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 118.4300, -25.8480, -16.1631 by changing the saturation by 10% instead.

■ 118.4300,
-25.8480, -16.1631

■ 118.4300,
-25.8480, -16.1631

■ 255.0000, 0.0000,
0.0000

■ 92.9570, -25.1218,
-15.7483

■ 171.6750,
-27.4478, -16.3780

■ 68.6580, -24.9744,
-16.3631

■ 199.1480,
-28.1740, -16.7928

■ 45.3420, -22.3536,
-16.9629

■ 227.0340,
-28.6108, -16.6928

■ 24.6540, -12.1544,
-21.6216

■ 242.8920,
-23.1178, -5.1673

■ 11.7400, -5.7878,
-10.2960

■ 251.4660,
-13.5407, 3.0993

■ 0.0000, 0.0000,
0.0000

254.7720, -0.8736,

0.2000

■ 118.4300,
-25.8480, -16.1631

■ 118.4300,
-25.8480, -16.1631

■ 114.7410,
-30.9313, -19.0669

■ 122.1190,
-20.7647, -13.2594

■ 110.7530,
-35.8672, -22.5854

■ 126.1070,
-15.8288, -9.7408

■ 107.1780,
-40.5138, -25.5891

■ 129.6820,
-11.1822, -6.7371

■ 103.4890,
-45.5971, -28.4929

■ 133.3710, -6.0989,
-3.8334

■ 100.4410,
-49.5174, -31.0818

■ 137.0600, -1.0156,
-0.9296

■ 141.0480, 3.9203,
2.5889

■ 144.7370, 9.0037,
5.4927

■ 148.3120, 13.6502,
8.4964

■ 152.3000, 18.5861,
12.0149

Harmonies

Analogous

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



122.6960, -35.8391, 15.1756



118.4300, -25.8480, -16.1631



108.8560, -5.3520, -56.8787

Triad

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



118.4300, -25.8480, -16.1631



103.8230, 44.9503, -91.0528



127.9350, -4.4050, 59.6930

Complementary

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



118.4300, -25.8480, -16.1631



85.5700, 25.8480, 16.1631

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.



130.3040, 12.6681, 43.5834



118.4300, -25.8480, -16.1631



121.6710, 39.1092, -37.4225

Square

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



118.4300, -25.8480, -16.1631



104.1360, 33.4570, -91.3273



130.5800, 27.3221, 10.0153



126.8580, -21.1290, 57.1295

Rectangle

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



118.4300, -25.8480, -16.1631



99.7240, 11.4751, -87.4579



130.5800, 27.3221, 10.0153



128.5200, 1.7156, 56.5490

Sweetspot

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



118.4300, -25.8480, -16.1631



170.9100, -10.3086, -6.9371



109.2470, -21.3208, 25.2164



84.3710, -6.0989, -3.8334



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



118.4300, -25.8480, -16.1631



148.1780, -40.5138, -25.5891



108.3780, -20.3994, -37.1655



67.0060, -2.4680, -1.7593



96.9080, -47.7756, -29.7373



3.5330, -1.7418, -1.3444

Inverse Universe

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



85.5700, 25.8480, 16.1631



96.5230, 40.6612, 24.9743



95.6220, 20.3994, 37.1655



63.9940, 2.4680, 1.7593



36.0920, 47.7756, 29.7373



1.4670, 1.7418, 1.3444

Previews

White Background



This preview shows how the YUV color 118.4300, -25.8480, -16.1631 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 118.4300, -25.8480, -16.1631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

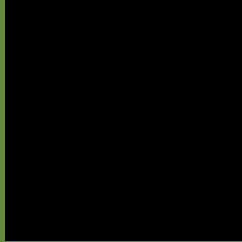
Any Text WCAG AA ✓ Pass

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 118.4300, -25.8480, -16.1631 Background



This preview shows how black text looks on a background with the YUV color 118.4300, -25.8480, -16.1631.



This preview shows how white text looks on a background with the YUV color 118.4300, -25.8480, -16.1631.

-16.1631.

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

118.4300, -25.8480, -16.1631

Protanopia

123.4770, -30.3082, 14.4907

Deuteranopia

125.3520, -27.2885, 26.0013



Tritanopia

125.4590, 7.1687, -12.6805

Trichromacy



Original Color

118.4300, -25.8480, -16.1631

Protanomaly

121.4540, -28.8178, 3.1098

Deuteranomaly

122.7800, -26.5135, 10.7169

Tritanomaly

122.9460, -4.9034, -13.9846

Monochromacy



Original Color

118.4300, -25.8480, -16.1631

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8500, -9.2930, -6.0074

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.4300, -25.8480, -16.1631 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(100, 138, 66)` looks like.

```
.text, #text, p{  
    color:rgb(100, 138, 66)  
}
```

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(100, 138, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 138, 66) }
```

Border

The CSS property to change the border of an element to YUV 118.4300, -25.8480, -16.1631 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(100, 138, 66) }
```


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

```
.border{ border-color:rgb(100, 138, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 138, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 138, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 138, 66);  
box-shadow:4px 4px 4px 4px rgb(100, 138,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 118.4300, -25.8480, -16.1631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 138, 66) }
```

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

```
.background{ background-color: rgb(100,  
138, 66) }
```

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