

Converting Colors

YUV(118.6890, -18.5807,
-13.7593)

Have a look what the booklet for
YUV(118.6890, -18.5807, -13.7593)
contains.

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Color

**YUV(118.6890, -18.5807,
-13.7593)**

Conversions

Conversions Part 1

Format	Color
Hex	678651
RGB	103, 134, 81
RGB Percent	40%, 53%, 32%
CMY	0.5961, 0.4745, 0.6824
CMYK	0.23, 0.00, 0.40, 0.47
HSL	95°, 25%, 42%
HSV	95°, 40%, 53%
XYZ	15.6038, 20.5278, 10.9244
YIQ	118.6890, -1.4630, -23.0550

Conversions

Conversions Part 2

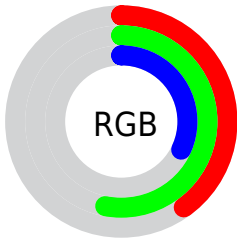
Format	Color
R_{YB}	81, 134, 112
Decimal	6784593
CIE _{Lab}	52.43, -21.17, 25.05
CIE _{LCh}	52, 32.796, 130.209
Yxy	20.5278, 0.3316, 0.4362
Android (android.graphics.Color)	4284974673 (0xFF678651)
YUV	118.6890, -18.5807, -13.7593
Hunter-Lab	45.3077, -17.8136, 17.4195

Details

The YUV color **118.6890, -18.5807, -13.7593** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **96.3110, 18.5807, 13.7593**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0480, -19.7437, -14.0741**, and **69.4440, -16.9809, -13.5444** is the 20% darker color. If you saturate the color by 10%, you get **114.8150, -23.0798, -17.3778**, and if you desaturate by 10%, it is **122.5630, -14.0816, -10.1408**.

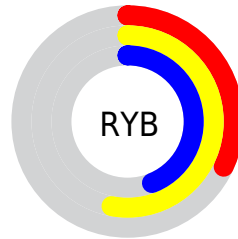
Distribution



Red (40%)

Green (53%)

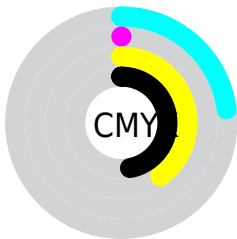
Blue (32%)



Red (32%)

Yellow (53%)

Blue (44%)

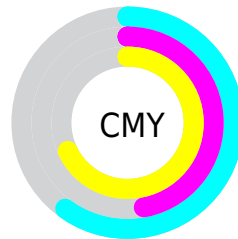


Cyan (23%)

Magenta (0%)

Yellow (40%)

Black (47%)



Cyan (60%)

Magenta (47%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.6890, -18.5807, -13.7593 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 118.6890, -18.5807, -13.7593 by changing the saturation by 10% instead.

■ 118.6890,
-18.5807, -13.7593

■ 118.6890,
-18.5807, -13.7593

■ 255.0000, 0.0000,
0.0000

■ 93.8030, -18.1439,
-13.8592

■ 171.0480,
-19.7437, -14.0741

■ 69.4440, -16.9809,
-13.5444

■ 198.5210,
-20.4699, -14.4889

■ 46.5580, -16.5441,
-13.6444

■ 226.9940,
-21.1960, -14.9037

■ 25.8830, -12.7603,
-13.9294

■ 245.3140,
-16.4238, -5.5374

■ 9.3920, -4.6303,
-8.2368

■ 253.4040, -6.1152,
1.3997

■ 0.0000, 0.0000,
0.0000

■ 118.6890,
-18.5807, -13.7593

■ 118.6890,
-18.5807, -13.7593

■ 114.8150,
-23.0798, -17.3778

■ 122.5630,
-14.0816, -10.1408

■ 110.8270,
-28.0157, -20.8963

■ 126.5510, -9.1456,
-6.6222

■ 106.9530,
-32.5148, -24.5148

■ 130.4250, -4.6465,
-3.0037

■ 103.2640,
-37.5982, -27.4185

■ 134.1140, 0.4368,
-0.1000

■ 99.3900, -42.0973,
-31.0370

■ 137.9880, 4.9359,
3.5185

■ 95.5160, -46.5964,
-34.6555

■ 141.8620, 9.4350,
7.1370

■ 95.4020, -47.0332,
-34.5556

■ 145.8500, 14.3710,
10.6556

■ 149.7240, 18.8701,

14.2741

■ 153.7120, 23.8060,
17.7926

Harmonies

Analogous

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



122.4810, -26.3661, 10.1022



118.6890, -18.5807, -13.7593



113.5960, -4.2378, -40.8647

Triad

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



118.6890, -18.5807, -13.7593



111.1060, 32.4857, -59.7290



127.2060, -5.5246, 45.4233

Complementary

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



118.6890, -18.5807, -13.7593



96.3110, 18.5807, 13.7593

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.



128.3970, 8.1853, 34.7318



118.6890, -18.5807, -13.7593



123.4960, 27.8565, -21.4830

Square

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



118.6890, -18.5807, -13.7593



99.3600, 30.3885, -87.1387



128.2290, 19.6071, 11.2002



125.9810, -17.7386, 42.9897

Rectangle

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



118.6890, -18.5807, -13.7593



106.7810, 8.4890, -62.9519



128.2290, 19.6071, 11.2002



127.7480, -0.8618, 43.1940

Sweetspot

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



118.6890, -18.5807, -13.7593



167.1320, -6.9671, -5.3778



115.0440, -16.7837, 16.6244



83.5390, -4.2097, -3.1037



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.



118.6890, -18.5807, -13.7593



149.7130, -28.4525, -20.7963



112.5670, -13.5905, -27.6843



64.1200, -2.0312, -1.8592



92.4560, -45.5808, -33.7259



2.0600, -1.0156, -0.9296

Inverse Universe

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



96.3110, 18.5807, 13.7593



115.5860, 28.3051, 21.4111



102.4330, 13.5905, 27.6843



61.8800, 2.0312, 1.8592



37.5440, 45.5808, 33.7259



0.6410, 1.1630, 0.3148

Previews

White Background



This preview shows how the YUV color 118.6890, -18.5807, -13.7593 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 118.6890, -18.5807, -13.7593 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 118.6890, -18.5807, -13.7593 Background



This preview shows how black text looks on a background with the YUV color 118.6890, -18.5807, -13.7593.



This preview shows how white text looks on a background with the YUV color 118.6890, -18.5807, -13.7593.

-13.7593.

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

118.6890, -18.5807, -13.7593

Protanopia

122.8170, -22.5878, 11.5615

Deuteranopia

123.9800, -19.7101, 21.9425



Tritanopia

123.6550, 6.5791, -10.2214

Trichromacy



Original Color

118.6890, -18.5807, -13.7593

Protanomaly

121.1040, -21.2503, 2.5398

Deuteranomaly

121.7180, -19.0880, 9.0173

Tritanomaly

122.2390, -2.5828, -11.6106

Monochromacy



Original Color

118.6890, -18.5807, -13.7593

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.5450, -6.6777, -4.8630

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.6890, -18.5807, -13.7593 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(103, 134, 81)` looks like.

```
.text, #text, p{  
    color:rgb(103, 134, 81)  
}
```

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(103, 134, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 134, 81) }
```

Border

The CSS property to change the border of an element to YUV 118.6890, -18.5807, -13.7593 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(103, 134, 81) }
```


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

```
.border{ border-color:rgb(103, 134, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 134, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 134, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 134, 81);  
box-shadow:4px 4px 4px 4px rgb(103, 134,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 118.6890, -18.5807, -13.7593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 134, 81) }
```

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

```
.background{ background-color: rgb(103,  
134, 81) }
```

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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