

Converting Colors

YUV(123.3850, -34.2068,
4.9244)

Have a look what the booklet for
YUV(123.3850, -34.2068, 4.9244)
contains.

YUV(123.3850, -34.2068, 4.9244)	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(123.3850, -34.2068,
4.9244)**

Conversions

Conversions Part 1

Format	Color
Hex	818636
RGB	129, 134, 54
RGB Percent	51%, 53%, 21%
CMY	0.4941, 0.4745, 0.7882
CMYK	0.04, 0.00, 0.60, 0.47
HSL	64°, 43%, 37%
HSV	64°, 60%, 53%
XYZ	18.2442, 21.9837, 6.7717
YIQ	123.3850, 22.7000, -25.9400

Conversions

Conversions Part 2

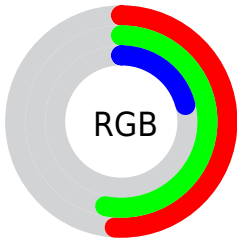
Format	Color
RYB	54, 134, 59
Decimal	8488502
CIELab	54.01, -13.34, 41.47
CIELCh	54, 43.560, 107.835
Yxy	21.9837, 0.3882, 0.4677
Android (android.graphics.Color)	4286678582 (0xFF818636)
YUV	123.3850, -34.2068, 4.9244
Hunter-Lab	46.8867, -12.5952, 24.2576

Details

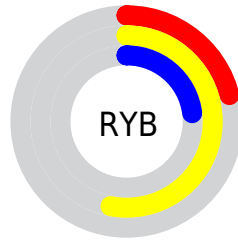
The YUV color **123.3850, -34.2068, 4.9244** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **64.6150, 34.2068, -4.9244**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6410, -35.8120, 6.4538**, and **72.9180, -35.9486, 3.5799** is the 20% darker color. If you saturate the color by 10%, you get **121.6040, -39.7378, 5.6093**, and if you desaturate by 10%, it is **125.1660, -28.6758, 4.2394**.

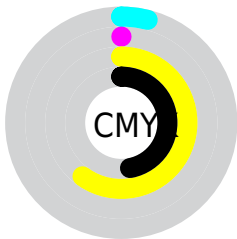
Distribution



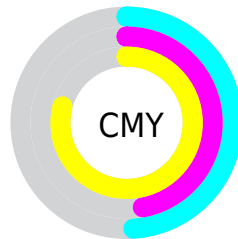
- Red (51%)
- Green (53%)
- Blue (21%)



- Red (21%)
- Yellow (53%)
- Blue (23%)



- Cyan (4%)
- Magenta (0%)
- Yellow (60%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.3850, -34.2068, 4.9244 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 123.3850, -34.2068, 4.9244 by changing the saturation by 10% instead.

■ 123.3850,
-34.2068, 4.9244

■ 123.3850,
-34.2068, 4.9244

■ 255.0000, 0.0000,
0.0000

■ 98.0860, -34.0594,
4.3096

■ 176.6410,
-35.8120, 6.4538

■ 72.9180, -35.9486,
3.5799

■ 204.4130,
-36.6856, 6.6538

■ 51.6540, -25.4654,
1.1804

■ 232.5980,
-37.2698, 7.3686

■ 31.8520, -15.7030,
-3.3782

■ 246.9060,
-31.0127, 7.0984

■ 12.3270, -6.0772,
-10.8108

■ 250.0980,
-18.7823, 4.2991

■ 0.0000, 0.0000,
0.0000

■ 253.4040, -6.1152,

1.3997

■ 123.3850,
-34.2068, 4.9244

■ 123.3850,
-34.2068, 4.9244

■ 121.6040,
-39.7378, 5.6093

■ 125.1660,
-28.6758, 4.2394

■ 119.7090,
-45.7055, 6.3942

■ 127.0610,
-22.7081, 3.4545

■ 117.9280,
-51.2365, 7.0791

■ 128.8420,
-17.1771, 2.7696

■ 116.3320,
-57.3517, 8.4788

■ 130.4380,
-11.0619, 1.3699

■ 132.2190, -5.5310,
0.6849

■ 134.0000, 0.0000,
0.0000

■ 135.8950, 5.9678,
-0.7849

■ 137.6760, 11.4987,
-1.4699

■ 139.5710, 17.4665,
-2.2548

Harmonies

Analogous

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



126.8060, -35.8934, 32.6191



123.3850, -34.2068, 4.9244



117.8460, -20.1371, -27.9289

Triad

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



123.3850, -34.2068, 4.9244



106.0910, 38.4091, -93.0418



131.8660, 6.9681, 51.8605

Complementary

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



123.3850, -34.2068, 4.9244



64.6150, 34.2068, -4.9244

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.



132.9300, 23.2055, 23.7404



123.3850, -34.2068, 4.9244



104.0340, 48.2972, -91.2378

Square

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



123.3850, -34.2068, 4.9244



104.0900, 23.1266, -91.2869



127.9830, 35.9974, -19.2791



129.6380, -10.6675, 61.7075

Rectangle

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



123.3850, -34.2068, 4.9244



110.1440, -5.4940, -58.0083



127.9830, 35.9974, -19.2791



132.6030, 12.5207, 44.1982

Sweetspot

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



123.3850, -34.2068, 4.9244



168.8680, -13.2459, 1.8698



80.2680, -12.9501, 47.1230



84.5350, -8.1518, 1.2848



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.



123.3850, -34.2068, 4.9244



156.7710, -53.1311, 8.0938



111.7240, -28.4579, -19.0519



65.3160, -2.6208, 0.5999



112.7880, -55.6045, 8.0789



2.3590, -1.1630, -0.3148

Inverse Universe

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



64.6150, 34.2068, -4.9244



65.2290, 53.1311, -8.0938



76.2760, 28.4579, 19.0519



60.6840, 2.6208, -0.5999



17.2120, 55.6045, -8.0789



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 123.3850, -34.2068, 4.9244 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 123.3850, -34.2068, 4.9244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

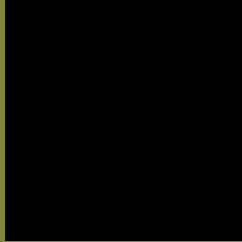
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.3850, -34.2068, 4.9244

Background



This preview shows how black text looks on a background with the YUV color 123.3850, -34.2068, 4.9244.



This preview shows how white text looks on a background with the YUV color 123.3850, -34.2068, 4.9244.

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

123.3850, -34.2068, 4.9244

Protanopia

124.8210, -35.4078, 16.8200

Deuteranopia

126.5390, -34.2827, 29.3453



Tritanopia

130.4290, 2.7465, 5.7628

Trichromacy



Original Color

123.3850, -34.2068, 4.9244

Protanomaly

124.5000, -35.2495, 12.7165

Deuteranomaly

125.4840, -34.2556, 20.6235

Tritanomaly

127.8730, -10.7834, 5.3734

Monochromacy



Original Color

123.3850, -34.2068, 4.9244

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0960, -12.3723, 1.6698

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.3850, -34.2068, 4.9244 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(129, 134, 54)` looks like.

```
.text, #text, p{  
    color:rgb(129, 134, 54)  
}
```

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(129, 134, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 134, 54) }
```

Border

The CSS property to change the border of an element to YUV 123.3850, -34.2068, 4.9244 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(129, 134, 54) }
```


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

```
.border{ border-color:rgb(129, 134, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 134, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 134, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 134, 54);  
box-shadow:4px 4px 4px 4px rgb(129, 134,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 123.3850, -34.2068, 4.9244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 134, 54) }
```

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

```
.background{ background-color: rgb(129,  
134, 54) }
```

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