

Converting Colors

YUV(130.9850, 33.0384,
-3.4948)

Have a look what the booklet for
YUV(130.9850, 33.0384, -3.4948)
contains.

YUV(130.9850, 33.0384, -3.4948)	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(130.9850, 33.0384,
-3.4948)**

Conversions

Conversions Part 1

Format	Color
Hex	7F78C6
RGB	127, 120, 198
RGB Percent	50%, 47%, 78%
CMY	0.5020, 0.5294, 0.2235
CMYK	0.36, 0.39, 0.00, 0.22
HSL	245°, 41%, 62%
HSV	245°, 39%, 78%
XYZ	25.6619, 22.0222, 56.3243
YIQ	130.9850, -20.8660, 25.7420

Conversions

Conversions Part 2

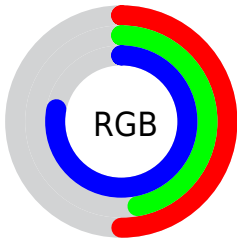
Format	Color
R _Y B	127, 120, 198
Decimal	8353990
CIE Lab	54.05, 21.22, -39.77
CIE LCh	54, 45.079, 298.081
Yxy	22.0222, 0.2467, 0.2117
Android (android.graphics.Color)	4286544070 (0xFF7F78C6)
YUV	130.9850, 33.0384, -3.4948
Hunter-Lab	46.9278, 15.4870, -38.3123

Details

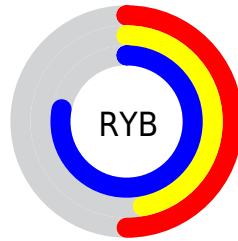
The YUV color $130.9850, 33.0384, -3.4948$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $187.0150, -33.0384, 3.4948$, and the grayscale version is $131.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $184.4520, 34.7802, -2.1504$, and $80.8060, 31.1546, -5.9689$ is the 20% darker color. If you saturate the color by 10%, you get $113.8630, 41.4795, -4.2649$, and if you desaturate by 10%, it is $148.1070, 24.5972, -2.7248$.

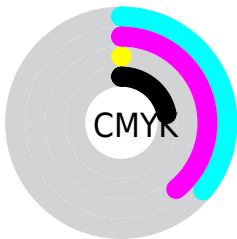
Distribution



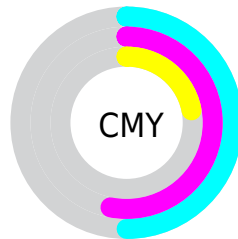
- Red (50%)
- Green (47%)
- Blue (78%)



- Red (50%)
- Yellow (47%)
- Blue (78%)



- Cyan (36%)
- Magenta (39%)
- Yellow (0%)
- Black (22%)



- Cyan (50%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.9850, 33.0384, -3.4948 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 130.9850, 33.0384, -3.4948 by changing the saturation by 10% instead.

■ 130.9850, 33.0384,
-3.4948

■ 130.9850, 33.0384,
-3.4948

■ 255.0000, 0.0000,
0.0000

■ 105.0450, 32.0228,
-4.4245

■ 184.4520, 34.7802,
-2.1504

■ 80.8060, 31.1546,
-5.9689

■ 209.2600, 22.5498,
0.6490

■ 56.2680, 30.4339,
-8.1280

■ 234.3670, 10.1721,
4.0631

■ 32.1210, 30.0133,
-13.2611

■ 10.8010, 28.6921,
-9.4725

■ 7.0050, 19.2245,
-6.1434

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 130.9850, 33.0384,
-3.4948

■ 130.9850, 33.0384,
-3.4948

■ 113.8630, 41.4795,
-4.2649

■ 148.1070, 24.5972,
-2.7248

■ 96.7410, 49.9207,
-5.0349

■ 165.2290, 16.1561,
-1.9548

■ 80.2060, 58.0724,
-6.3197

■ 181.7640, 8.0043,
-0.6700

■ 63.0840, 66.5136,
-7.0897

■ 198.8860, -0.4368,
0.1000

■ 45.9620, 74.9547,
-7.8597

■ 216.0080, -8.8779,
0.8700

■ 28.8400, 83.3959,
-8.6297

■ 233.1300,
-17.3191, 1.6400

■ 27.9540, 83.8327,
-8.7297

■ 247.9040,
-24.6027, 4.4692

■ 248.5020,
-24.8975, 5.6987

Harmonies

Analogous

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



113.9170, 45.8899, -65.7022



130.9850, 33.0384, -3.4948



133.4540, 18.5102, 36.4358

Triad

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



130.9850, 33.0384, -3.4948



127.7570, -31.4322, 48.4481



101.1260, 11.7699, -88.6875

Complementary

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



130.9850, 33.0384, -3.4948



187.0150, -33.0384, 3.4948

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.



114.0550, -13.8311, -43.8982



130.9850, 33.0384, -3.4948



125.1810, -38.0502, 24.3973

Square

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



130.9850, 33.0384, -3.4948



128.7430, -16.6353, 62.4924



121.8890, -31.9903, -6.0417



105.6860, 29.2418, -92.6866

Rectangle

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



130.9850, 33.0384, -3.4948



131.2900, 7.2520, 54.1197



121.8890, -31.9903, -6.0417



99.6440, 6.0915, -87.3878

Sweetspot

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



130.9850, 33.0384, -3.4948



228.4310, 13.0985, -1.2550



171.1560, 13.2341, -44.8638



112.3510, 7.7150, -1.1848



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



130.9850, 33.0384, -3.4948



151.9690, 50.7943, -5.2348



142.6460, 27.2895, 20.4815



91.0260, 3.9312, -0.8998



23.0670, 68.9870, -7.0748



5.0010, 15.2825, -1.7549

Inverse Universe

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



151.4160, 19.5149, 40.8542



183.3060, 29.9221, 62.8756



175.6530, -27.4369, -19.8667



93.7170, 2.6045, 4.6332



65.7230, 41.0556, 85.3119



14.4120, 8.6709, 18.9327

Previews

White Background



This preview shows how the YUV color 130.9850, 33.0384, -3.4948 looks on a white background.

Color Contrast Check

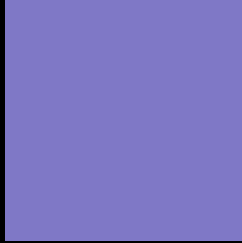
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.9850, 33.0384, -3.4948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

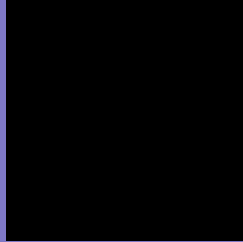
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.9850, 33.0384, -3.4948

Background



This preview shows how black text looks on a background with the YUV color 130.9850, 33.0384, -3.4948.



This preview shows how white text looks on a background with the YUV color 130.9850, 33.0384, -3.4948.

-3.4948.

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

130.9850, 33.0384, -3.4948

Protanopia

127.7050, 37.6134, -24.2973

Deuteranopia

127.0700, 33.9825, -26.3714



Tritanopia

128.0570, 6.8739, -11.4510

Trichromacy



Original Color

130.9850, 33.0384, -3.4948

Protanomaly

128.7060, 36.1339, -16.4052

Deuteranomaly

128.7120, 33.6660, -18.1644

Tritanomaly

129.1850, 16.1778, -8.9322

Monochromacy



Original Color

130.9850, 33.0384, -3.4948

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.0890, 11.7881, -0.9551

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.9850, 33.0384, -3.4948 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(127, 120, 198)` looks like.

```
.text, #text, p{  
    color:rgb(127, 120, 198)  
}
```

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(127, 120, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 120, 198) }
```

Border

The CSS property to change the border of an element to YUV 130.9850, 33.0384, -3.4948 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(127, 120, 198) }
```


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

```
.border{ border-color:rgb(127, 120, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 120, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 120, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 120, 198);  
box-shadow:4px 4px 4px 4px rgb(127, 120,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 130.9850, 33.0384, -3.4948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 120, 198) }
```

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

```
.background{ background-color: rgb(127,  
120, 198) }
```

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