

Converting Colors

YUV(133.4770, 3.2158, -4.8033)

Have a look what the booklet for
YUV(133.4770, 3.2158, -4.8033)
contains.

YUV(133.4770, 3.2158, -4.8033)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	28
CSS Examples	31

Color

**YUV(133.4770, 3.2158,
-4.8033)**

Conversions

Conversions Part 1

Format	Color
Hex	80878C
RGB	128, 135, 140
RGB Percent	50%, 53%, 55%
CMY	0.4980, 0.4706, 0.4510
CMYK	0.09, 0.04, 0.00, 0.45
HSL	205°, 5%, 53%
HSV	205°, 9%, 55%
XYZ	22.2997, 23.8106, 28.2315
YIQ	133.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

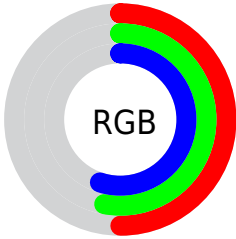
Format	Color
R_{YB}	128, 132, 140
Decimal	8423308
CIE _{Lab}	55.90, -1.52, -3.57
CIE _{LCh}	56, 3.882, 246.932
Yxy	23.8106, 0.3000, 0.3203
Android (android.graphics.Color)	4286613388 (0xFF80878C)
YUV	133.4770, 3.2158, -4.8033
Hunter-Lab	48.7961, -3.8191, -0.1456

Details

The YUV color **133.4770, 3.2158, -4.8033** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **134.5230, -3.2158, 4.8033**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.5910, 3.6526, -4.9033**, and **83.7760, 3.0684, -4.1886** is the 20% darker color. If you saturate the color by 10%, you get **125.7690, 7.0159, -10.3214**, and if you desaturate by 10%, it is **141.1850, -0.5842, 0.7148**.

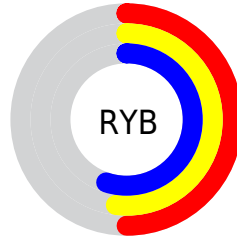
Distribution



Red (50%)

Green (53%)

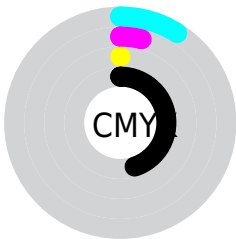
Blue (55%)



Red (50%)

Yellow (52%)

Blue (55%)

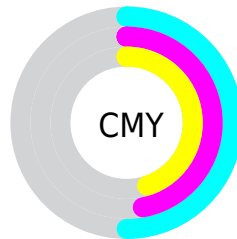


Cyan (9%)

Magenta (4%)

Yellow (0%)

Black (45%)



Cyan (50%)

Magenta (47%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.4770, 3.2158, -4.8033 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 133.4770, 3.2158, -4.8033 by changing the saturation by 10% instead.

■ 133.4770, 3.2158,
-4.8033

■ 133.4770, 3.2158,
-4.8033

255.0000, 0.0000,
0.0000

■ 108.4770, 3.2158,
-4.8033

■ 186.5910, 3.6526,
-4.9033

■ 83.7760, 3.0684,
-4.1886

■ 214.1780, 3.3632,
-5.4181

■ 60.7760, 3.0684,
-4.1886

■ 242.5910, 3.6526,
-4.9033

■ 38.7760, 3.0684,
-4.1886

■ 18.3630, 2.7790,
-4.7034

■ 0.0000, 0.0000,
0.0000

■ 133.4770, 3.2158,
-4.8033

■ 133.4770, 3.2158,
-4.8033

■ 125.7690, 7.0159,
-10.3214

■ 141.1850, -0.5842,
0.7148

■ 118.0610, 10.8159,
-15.8395

■ 148.8930, -4.3842,
6.2328

■ 110.3530, 14.6160,
-21.3576

■ 156.6010, -8.1843,
11.7509

■ 103.2320, 18.1266,
-27.3905

■ 163.7220,
-11.6949, 17.7838

■ 95.5240, 21.9267,
-32.9085

■ 171.4300,
-15.4950, 23.3019

■ 87.8160, 25.7267,
-38.4266

■ 179.1380,
-19.2950, 28.8200

■ 80.1080, 29.5268,
-43.9447

■ 186.8460,
-23.0951, 34.3381

■ 72.4000, 33.3268,

■ 194.5540,

-49.4628

-26.8951, 39.8561

■ 64.6920, 37.1268,
-54.9809

■ 202.2620,
-30.6952, 45.3742

Harmonies

Analogous

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



133.2380, 2.3477, -6.3477



133.4770, 3.2158, -4.8033



134.2000, 3.3524, -1.9294

Triad

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



133.4770, 3.2158, -4.8033



134.8050, -0.8899, 5.4330



133.4190, -2.1786, -1.2445

Complementary

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



133.4770, 3.2158, -4.8033



134.5230, -3.2158, 4.8033

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.



133.8000, -3.3524, 1.9294



133.4770, 3.2158, -4.8033



134.4630, -2.2003, 5.7329

Square

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



133.4770, 3.2158, -4.8033



134.6630, 1.1521, 3.8035



134.2240, -3.0684, 4.1886



133.3370, -1.1521, -3.8035

Rectangle

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



133.4770, 3.2158, -4.8033



134.0970, 2.9102, -0.0851



134.2240, -3.0684, 4.1886



133.6040, -2.7628, -0.5297

Sweetspot

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



133.4770, 3.2158, -4.8033



178.3310, 1.3158, -2.0443



135.6140, -1.2887, -6.6775



89.6300, 1.1684, -1.4295



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



133.4770, 3.2158, -4.8033



171.5090, 4.6791, -7.4624



129.9550, 4.9522, -1.7145



65.1460, 1.9000, -2.7590



60.3610, 35.8110, -52.9366



2.3310, 1.3158, -2.0443

Inverse Universe

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



132.3860, 1.2887, 6.6775



169.6360, 2.1515, 9.9662



138.0450, -4.9522, 1.7145



64.5490, 0.7153, 3.9035



48.5450, 14.0283, 74.0670



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 133.4770, 3.2158, -4.8033 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 133.4770, 3.2158, -4.8033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

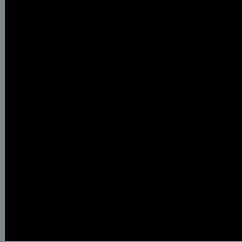
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

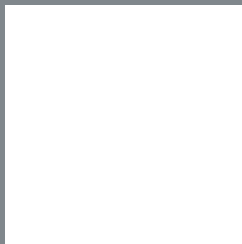
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 133.4770, 3.2158, -4.8033

Background



This preview shows how black text looks on a background with the YUV color 133.4770, 3.2158, -4.8033.



This preview shows how white text looks on a background with the YUV color 133.4770, 3.2158, -4.8033.

-4.8033.

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

133.4770, 3.2158, -4.8033

Protanopia

134.2820, 2.3260, 0.6297

Deuteranopia

135.4400, 2.7411, 7.5071



Tritanopia

133.7590, 5.5418, -4.1736

Trichromacy



Original Color

133.4770, 3.2158, -4.8033

Protanomaly

133.9720, 2.4788, -1.7294

Deuteranomaly

134.8200, 3.0467, 2.7889

Tritanomaly

133.5310, 4.6682, -3.9737

Monochromacy



Original Color

133.4770, 3.2158, -4.8033

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.3310, 1.3158, -2.0443

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.4770, 3.2158, -4.8033 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(128, 135, 140)` looks like.

```
.text, #text, p{  
    color:rgb(128, 135, 140)  
}
```

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(128, 135, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 135, 140) }
```

Border

The CSS property to change the border of an element to YUV 133.4770, 3.2158, -4.8033 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(128, 135, 140) }
```


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

```
.border{ border-color:rgb(128, 135, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 135, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 135, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 135, 140);  
box-shadow:4px 4px 4px 4px rgb(128, 135,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 133.4770, 3.2158, -4.8033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 135, 140) }
```

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

```
.background{ background-color: rgb(128,  
135, 140) }
```

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