

Converting Colors

YUV(133.0970, -0.5408,
-13.2401)

Have a look what the booklet for
YUV(133.0970, -0.5408, -13.2401)
contains.

YUV(133.0970, -0.5408, -13.2401)	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(133.0970, -0.5408,
-13.2401)**

Conversions

Conversions Part 1

Format	Color
Hex	768D84
RGB	118, 141, 132
RGB Percent	46%, 55%, 52%
CMY	0.5373, 0.4471, 0.4824
CMYK	0.16, 0.00, 0.06, 0.45
HSL	157°, 9%, 51%
HSV	157°, 16%, 55%
XYZ	21.1609, 24.5672, 25.4564
YIQ	133.0970, -10.8190, -7.6750

Conversions

Conversions Part 2

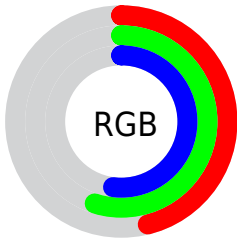
Format	Color
RYB	118, 132, 141
Decimal	7769476
CIELab	56.65, -10.11, 2.05
CIELCh	57, 10.317, 168.528
Yxy	24.5672, 0.2973, 0.3451
Android (android.graphics.Color)	4285959556 (0xFF768D84)
YUV	133.0970, -0.5408, -13.2401
Hunter-Lab	49.5654, -10.5323, 4.2448

Details

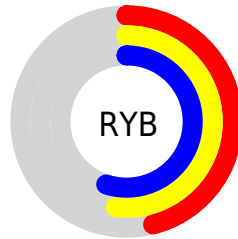
The YUV color **133.0970, -0.5408, -13.2401** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **125.9030, 0.5408, 13.2401**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.3850, -0.6828, -14.3696**, and **83.5100, -0.2514, -12.7253** is the 20% darker color. If you saturate the color by 10%, you get **128.2270, -1.0979, -21.2471**, and if you desaturate by 10%, it is **137.9670, 0.0163, -5.2331**.

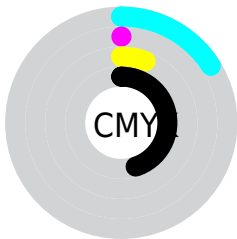
Distribution



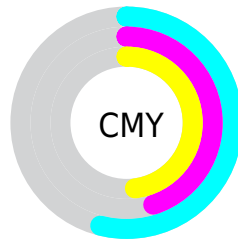
- Red (46%)
- Green (55%)
- Blue (52%)



- Red (46%)
- Yellow (52%)
- Blue (55%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (54%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.0970, -0.5408, -13.2401 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 133.0970, -0.5408, -13.2401 by changing the saturation by 10% instead.

■ 133.0970, -0.5408,
-13.2401

■ 133.0970, -0.5408,
-13.2401

255.0000, 0.0000,
0.0000

■ 107.5100, -0.2514,
-12.7253

■ 186.3850, -0.6828,
-14.3696

■ 83.5100, -0.2514,
-12.7253

■ 214.3850, -0.6828,
-14.3696

■ 60.2220, -0.1094,
-11.5957

■ 242.3850, -0.6828,
-14.3696

■ 38.2220, -0.1094,
-11.5957

■ 16.6130, 0.1908,
-14.5696

■ 0.0000, 0.0000,
0.0000

■ 133.0970, -0.5408,
-13.2401

■ 133.0970, -0.5408,
-13.2401

■ 128.2270, -1.0979,
-21.2471

■ 137.9670, 0.0163,
-5.2331

■ 123.4710, -1.2182,
-29.3541

■ 142.7230, 0.1366,
2.8739

■ 118.6010, -1.7753,
-37.3611

■ 147.5930, 0.6937,
10.8809

■ 113.8450, -1.8956,
-45.4681

■ 152.3490, 0.8139,
18.9879

■ 108.9750, -2.4527,
-53.4751

■ 157.5180, 1.2236,
27.6097

■ 103.9200, -2.4256,
-62.1968

■ 162.2740, 1.3439,
35.7167

■ 99.0500, -2.9826,
-70.2039


■ 167.1440, 1.9010,
43.7237


■ 94.2940, -3.1029,

■ 171.9000, 2.0213,

-78.3108

51.8307

 92.5710, -3.2395,
-81.1848

 176.7700, 2.5784,
59.8377

Harmonies

Analogous

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



134.2890, -5.0725, -6.3925



133.0970, -0.5408, -13.2401



132.6280, 4.1274, -17.2138

Triad

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



133.0970, -0.5408, -13.2401



136.4540, 8.1572, -3.0292



136.6660, -6.7373, 14.3249

Complementary

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



133.0970, -0.5408, -13.2401



125.9030, 0.5408, 13.2401

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.



137.5890, -3.2484, 15.2694



133.0970, -0.5408, -13.2401



137.4120, 5.2199, 5.7777

Square

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



133.0970, -0.5408, -13.2401



134.9260, 8.9105, -11.3361



137.7180, 1.1250, 12.5253



136.0630, -8.9051, 9.5917

Rectangle

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



133.0970, -0.5408, -13.2401



133.6110, 6.6008, -17.1988



137.7180, 1.1250, 12.5253



137.1930, -6.0111, 14.7397

Sweetspot

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



133.0970, -0.5408, -13.2401



180.5540, -0.2731, -5.7479



134.1920, -7.9827, -6.3074



89.9780, 0.0108, -3.4887



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.



133.0970, -0.5408, -13.2401



171.2270, -1.0979, -21.2471



132.9490, 3.9691, -13.1103



68.6790, 0.1583, -4.1035



88.5930, -3.2503, -77.6961



5.2660, -0.1311, -4.6183

Inverse Universe

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



125.9030, 0.5408, 13.2401



159.6590, 0.6611, 21.3471



126.0510, -3.9691, 13.1103



66.4350, 0.2785, 4.0035



46.4070, 3.2503, 77.6961



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 133.0970, -0.5408, -13.2401 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 133.0970, -0.5408, -13.2401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

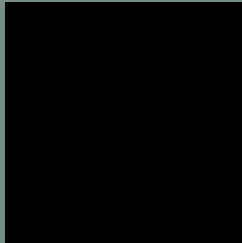
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

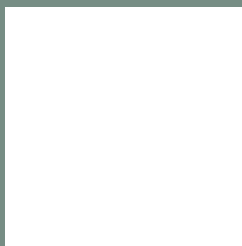
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 133.0970, -0.5408, -13.2401

Background



This preview shows how black text looks on a background with the YUV color 133.0970, -0.5408, -13.2401.



This preview shows how white text looks on a background with the YUV color 133.0970, -0.5408, -13.2401.

-13.2401.

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

133.0970, -0.5408, -13.2401

Protanopia

135.8110, -3.3578, 3.6738

Deuteranopia

136.7240, -1.3429, 10.7661



Tritanopia

134.1710, 7.3107, -11.5510

Trichromacy



Original Color

133.0970, -0.5408, -13.2401

Protanomaly

134.7070, -2.3206, -2.3740

Deuteranomaly

135.6690, -1.3158, 2.0443

Tritanomaly

133.7750, 4.5479, -12.0807

Monochromacy



Original Color

133.0970, -0.5408, -13.2401

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2660, -0.1311, -4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.0970, -0.5408, -13.2401 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(118, 141, 132)` looks like.

```
.text, #text, p{  
    color:rgb(118, 141, 132)  
}
```

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(118, 141, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 141, 132) }
```

Border

The CSS property to change the border of an element to YUV 133.0970, -0.5408, -13.2401 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(118, 141, 132) }
```


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

```
.border{ border-color:rgb(118, 141, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 141, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 141, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 141, 132);  
box-shadow:4px 4px 4px 4px rgb(118, 141,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 133.0970, -0.5408, -13.2401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 141, 132) }
```

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

```
.background{ background-color: rgb(118,  
141, 132) }
```

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