

Converting Colors

YUV(133.6840, -0.8302,
-13.7549)

Have a look what the booklet for
YUV(133.6840, -0.8302, -13.7549)
contains.

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Color

**YUV(133.6840, -0.8302,
-13.7549)**

Conversions

Conversions Part 1

Format	Color
Hex	768E84
RGB	118, 142, 132
RGB Percent	46%, 56%, 52%
CMY	0.5373, 0.4431, 0.4824
CMYK	0.17, 0.00, 0.07, 0.44
HSL	155°, 10%, 51%
HSV	155°, 17%, 56%
XYZ	21.3091, 24.8635, 25.5058
YIQ	133.6840, -11.0940, -8.1980

Conversions

Conversions Part 2

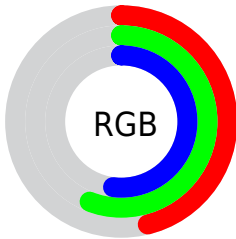
Format	Color
R_{YB}	118, 133, 142
Decimal	7769732
CIE Lab	56.94, -10.66, 2.47
CIE LCh	57, 10.942, 166.934
Yxy	24.8635, 0.2973, 0.3469
Android (android.graphics.Color)	4285959812 (0xFF768E84)
YUV	133.6840, -0.8302, -13.7549
Hunter-Lab	49.8633, -10.9789, 4.5766

Details

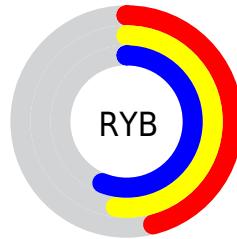
The YUV color $133.6840, -0.8302, -13.7549$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $126.3160, 0.8302, 13.7549$, and the grayscale version is $134.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.9720, -0.9722, -14.8844$, and $84.0970, -0.5408, -13.2401$ is the 20% darker color. If you saturate the color by 10%, you get $128.8140, -1.3873, -21.7619$, and if you desaturate by 10%, it is $138.5540, -0.2731, -5.7479$.

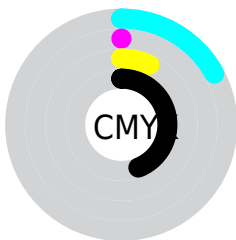
Distribution



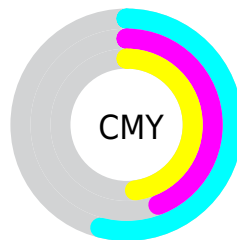
- Red (46%)
- Green (56%)
- Blue (52%)



- Red (46%)
- Yellow (52%)
- Blue (56%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (44%)



- Cyan (54%)
- Magenta (44%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.6840, -0.8302, -13.7549 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 133.6840, -0.8302, -13.7549 by changing the saturation by 10% instead.

■ 133.6840, -0.8302,
-13.7549

■ 133.6840, -0.8302,
-13.7549

255.0000, 0.0000,
0.0000

■ 108.0970, -0.5408,
-13.2401

■ 186.9720, -0.9722,
-14.8844

■ 84.0970, -0.5408,
-13.2401

■ 214.9720, -0.9722,
-14.8844

■ 60.8090, -0.3988,
-12.1105

■ 242.9720, -0.9722,
-14.8844

■ 38.8090, -0.3988,
-12.1105

■ 17.2000, -0.0986,
-15.0844

■ 0.0000, 0.0000,
0.0000

■ 133.6840, -0.8302,
-13.7549

■ 133.6840, -0.8302,
-13.7549

■ 128.8140, -1.3873,
-21.7619

■ 138.5540, -0.2731,
-5.7479

■ 123.9440, -1.9444,
-29.7689

■ 143.4240, 0.2840,
2.2592

■ 118.7750, -2.3541,
-38.3907

■ 148.5930, 0.6937,
10.8809

■ 113.9050, -2.9112,
-46.3977

■ 153.4630, 1.2507,
18.8879

■ 109.0350, -3.4683,
-54.4047

■ 158.3330, 1.8078,
26.8950

■ 104.2790, -3.5885,
-62.5117

■ 163.2030, 2.3649,
34.9020

■ 99.4090, -4.1456,
-70.5187

■ 167.9590, 2.4852,
43.0090

■ 94.2400, -4.5553,

■ 173.1280, 2.8949,

-79.1405

51.6307

■ 92.8160, -4.8393,
-81.3996

■ 177.9980, 3.4520,
59.6378

Harmonies

Analogous

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



134.4740, -5.6567, -5.6777



133.6840, -0.8302, -13.7549



133.3290, 4.2748, -17.8285

Triad

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



133.6840, -0.8302, -13.7549



137.2690, 8.7414, -3.7439



137.8510, -7.3215, 15.0397

Complementary

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



133.6840, -0.8302, -13.7549



126.3160, 0.8302, 13.7549

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.



138.1870, -3.5432, 16.4990



133.6840, -0.8302, -13.7549



138.5260, 5.6567, 5.6777

Square

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



133.6840, -0.8302, -13.7549



135.7410, 9.4947, -12.0509



139.0170, 0.9776, 13.1401



137.2480, -9.4893, 10.3065

Rectangle

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



133.6840, -0.8302, -13.7549



134.0130, 6.8956, -18.4284



139.0170, 0.9776, 13.1401



137.9050, -5.8692, 15.8693

Sweetspot

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



133.6840, -0.8302, -13.7549



180.5540, -0.2731, -5.7479



135.0780, -8.4195, -6.2074



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.



133.6840, -0.8302, -13.7549



171.1130, -1.5347, -21.1471



133.6500, 4.1166, -13.7250



68.5650, -0.2785, -4.0035



88.2510, -4.5607, -77.3961



5.1520, -0.5679, -4.5183

Inverse Universe

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



126.3160, 0.8302, 13.7549



159.7730, 1.0979, 21.2471



126.3500, -4.1165, 13.7251



66.4350, 0.2785, 4.0035



46.7490, 4.5607, 77.3961



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 133.6840, -0.8302, -13.7549 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 133.6840, -0.8302, -13.7549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

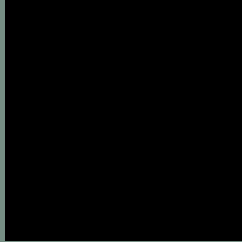
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.6840, -0.8302, -13.7549

Background



This preview shows how black text looks on a background with the YUV color 133.6840, -0.8302, -13.7549.



This preview shows how white text looks on a background with the YUV color 133.6840, -0.8302, -13.7549.

-13.7549.

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

133.6840, -0.8302, -13.7549

Protanopia

136.6970, -3.7946, 3.7737

Deuteranopia

137.6100, -1.7797, 10.8660



Tritanopia

134.8720, 7.4581, -12.1657

Trichromacy



Original Color

133.6840, -0.8302, -13.7549

Protanomaly

135.5930, -2.7573, -2.2741

Deuteranomaly

136.2560, -1.6052, 1.5295

Tritanomaly

134.3620, 4.2585, -12.5955

Monochromacy



Original Color

133.6840, -0.8302, -13.7549

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.8530, -0.4205, -5.1331

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.6840, -0.8302, -13.7549 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, 142, 132)` looks like.

```
.text, #text, p{  
    color:rgb(118, 142, 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, 142, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 142, 132) }
```

Border

The CSS property to change the border of an element to YUV 133.6840, -0.8302, -13.7549 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, 142, 132) }
```


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

```
.border{ border-color:rgb(118, 142, 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, 142, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 142, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 142, 132);  
box-shadow:4px 4px 4px 4px rgb(118, 142,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 133.6840, -0.8302, -13.7549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 142, 132) }
```

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

```
.background{ background-color: rgb(118,  
142, 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](#).

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