

Converting Colors

YUV(133.8770, -3.3904,
14.1399)

Have a look what the booklet for
YUV(133.8770, -3.3904, 14.1399)
contains.

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Color

**YUV(133.8770, -3.3904,
14.1399)**

Conversions

Conversions Part 1

Format	Color
Hex	967F7F
RGB	150, 127, 127
RGB Percent	59%, 50%, 50%
CMY	0.4118, 0.5020, 0.5020
CMYK	0.00, 0.15, 0.15, 0.41
HSL	0°, 10%, 54%
HSV	0°, 15%, 59%
XYZ	23.9978, 23.1951, 23.2909
YIQ	133.8770, 13.7080, 4.8760

Conversions

Conversions Part 2

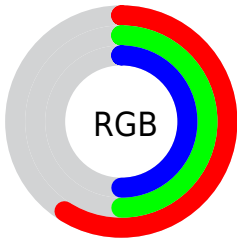
Format	Color
R_{YB}	150, 127, 127
Decimal	9863039
CIE Lab	55.27, 8.81, 3.27
CIE LCh	55, 9.398, 20.379
Yxy	23.1951, 0.3405, 0.3291
Android (android.graphics.Color)	4288053119 (0xFF967F7F)
YUV	133.8770, -3.3904, 14.1399
Hunter-Lab	48.1613, 4.6608, 5.0400

Details

The YUV color $[133.8770, -3.3904, 14.1399]$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $[143.1230, 3.3904, -14.1399]$, and the grayscale version is $[134.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[187.1760, -3.5378, 14.7546]$, and $[84.2790, -3.0955, 12.9103]$ is the 20% darker color. If you saturate the color by 10%, you get $[123.3620, -5.6015, 23.3615]$, and if you desaturate by 10%, it is $[144.3920, -1.1793, 4.9182]$.

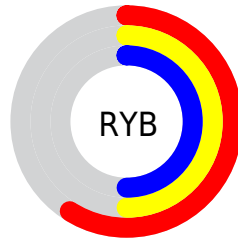
Distribution



Red (59%)

Green (50%)

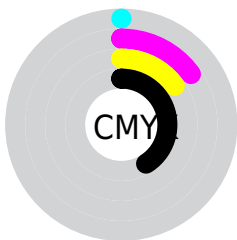
Blue (50%)



Red (59%)

Yellow (50%)

Blue (50%)

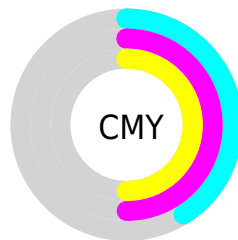


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (41%)



Cyan (41%)

Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.8770, -3.3904, 14.1399 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 133.8770, -3.3904, 14.1399 by changing the saturation by 10% instead.


 133.8770, -3.3904,
14.1399

 133.8770, -3.3904,
14.1399


255.0000, 0.0000,
0.0000

 108.5780, -3.2430,
13.5251


 187.1760, -3.5378,
14.7546


 84.2790, -3.0955,
12.9103

 214.7740, -3.8326,
15.9842

 60.9800, -2.9481,
12.2955

 241.5670, -3.2375,
11.7807

 39.3820, -2.6533,
11.0660

 17.6810, -2.8007,
11.6808

 0.0000, 0.0000,
0.0000

■ 133.8770, -3.3904,
14.1399

■ 133.8770, -3.3904,
14.1399

■ 123.3620, -5.6015,
23.3615

■ 144.3920, -1.1793,
4.9182

■ 112.8470, -7.8126,
32.5832

■ 154.9070, 1.0318,
-4.3034

■ 102.3320,
-10.0237, 41.8048

■ 165.4220, 3.2430,
-13.5251

■ 91.8170, -12.2348,
51.0265

■ 175.9370, 5.4541,
-22.7467

■ 81.3020, -14.4459,
60.2481

■ 186.4520, 7.6652,
-31.9684

■ 70.7870, -16.6570,
69.4698

■ 196.9670, 9.8763,
-41.1901

■ 60.2720, -18.8681,
78.6915


■ 207.4820, 12.0874,
-50.4117

■ 49.7570, -21.0792,

■ 217.9970, 14.2985,

87.9131

-59.6334

 44.8500, -22.1110,
92.2166

 223.6050, 15.4777,
-64.5516

Harmonies

Analogous

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



133.8920, 0.5462, 11.4957



133.8770, -3.3904, 14.1399



133.0680, -6.4425, 13.0954

Triad

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



133.8770, -3.3904, 14.1399



130.8160, -4.3463, -5.9776



131.7090, 8.0315, -9.3918

Complementary

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



133.8770, -3.3904, 14.1399



143.1230, 3.3904, -14.1399

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.



130.4480, 7.1741, -14.4249



133.8770, -3.3904, 14.1399



129.8090, -0.3988, -12.1105

Square

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



133.8770, -3.3904, 14.1399



131.7630, -7.2782, 1.0848



129.6390, 4.1220, -15.4694



132.8240, 6.9888, -1.5996

Rectangle

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



133.8770, -3.3904, 14.1399



132.7040, -7.7421, 9.9066



129.6390, 4.1220, -15.4694



131.2850, 7.7475, -11.6509

Sweetspot

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



133.8770, -3.3904, 14.1399



186.9900, -1.4741, 6.1478



136.4990, 6.6560, 11.8404



92.7940, -0.8844, 3.6887



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



133.8770, -3.3904, 14.1399



169.4650, -5.1592, 21.5172



140.9210, -6.8631, 7.9623



69.0930, -1.0318, 4.3034



41.2620, -20.3422, 84.8392



2.9900, -1.4741, 6.1478

Inverse Universe

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



143.1230, 3.3904, -14.1399



183.5350, 5.1592, -21.5172



136.6660, 6.5737, -8.4771



71.9070, 1.0318, -4.3034



96.7380, 20.3422, -84.8392



7.0100, 1.4741, -6.1478

Previews

White Background



This preview shows how the YUV color 133.8770, -3.3904, 14.1399 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 133.8770, -3.3904, 14.1399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

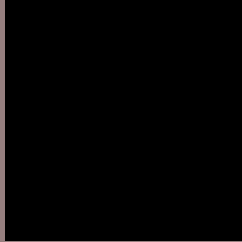
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.8770, -3.3904, 14.1399

Background



This preview shows how black text looks on a background with the YUV color 133.8770, -3.3904, 14.1399.



This preview shows how white text looks on a background with the YUV color 133.8770, -3.3904,

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

133.8770, -3.3904, 14.1399

Protanopia

132.6690, -1.3158, 2.0443

Deuteranopia

133.5670, -3.2375, 11.7807



Tritanopia

134.5010, 0.2460, 14.4696

Trichromacy



Original Color

133.8770, -3.3904, 14.1399

Protanomaly

132.8760, -1.9109, 6.2477

Deuteranomaly

133.8660, -3.3849, 12.3955

Tritanomaly

134.1590, -1.0644, 14.7696

Monochromacy



Original Color

133.8770, -3.3904, 14.1399

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.6910, -1.3267, 5.5330

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.8770, -3.3904, 14.1399 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(150, 127, 127)` looks like.

```
.text, #text, p{  
    color:rgb(150, 127, 127)  
}
```

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(150, 127, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 127, 127) }
```

Border

The CSS property to change the border of an element to YUV 133.8770, -3.3904, 14.1399 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(150, 127, 127) }
```


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

```
.border{ border-color:rgb(150, 127, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 127, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 127, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 127, 127);  
box-shadow:4px 4px 4px 4px rgb(150, 127,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 133.8770, -3.3904, 14.1399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 127, 127) }
```

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

```
.background{ background-color: rgb(150,  
127, 127) }
```

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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