

Converting Colors

YUV(128.5370, -14.5617,
3.9141)

Have a look what the booklet for
YUV(128.5370, -14.5617, 3.9141)
contains.

YUV(128.5370, -14.5617, 3.9141)	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(128.5370, -14.5617,
3.9141)**

Conversions

Conversions Part 1

Format	Color
Hex	858463
RGB	133, 132, 99
RGB Percent	52%, 52%, 39%
CMY	0.4784, 0.4824, 0.6118
CMYK	0.00, 0.01, 0.26, 0.48
HSL	58°, 15%, 45%
HSV	58°, 26%, 52%
XYZ	20.1763, 22.3899, 15.0627
YIQ	128.5370, 11.1890, -10.0510

Conversions

Conversions Part 2

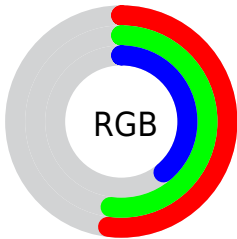
Format	Color
RYB	100, 133, 99
Decimal	8750179
CIELab	54.44, -5.35, 18.01
CIELCh	54, 18.785, 106.538
Yxy	22.3899, 0.3501, 0.3885
Android (android.graphics.Color)	4286940259 (0xFF858463)
YUV	128.5370, -14.5617, 3.9141
Hunter-Lab	47.3180, -6.6946, 14.2489

Details

The YUV color **128.5370, -14.5617, 3.9141** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **103.4630, 14.5617, -3.9141**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.3090, -15.4353, 4.1140**, and **79.4660, -13.5407, 3.0993** is the 20% darker color. If you saturate the color by 10%, you get **127.0550, -20.2401, 5.2138**, and if you desaturate by 10%, it is **130.0190, -8.8834, 2.6143**.

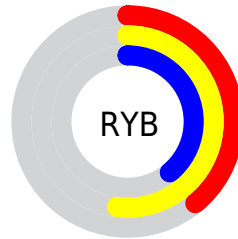
Distribution



Red (52%)

Green (52%)

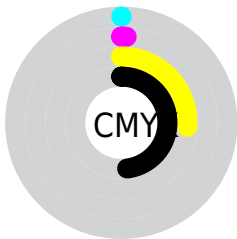
Blue (39%)



Red (39%)

Yellow (52%)

Blue (39%)

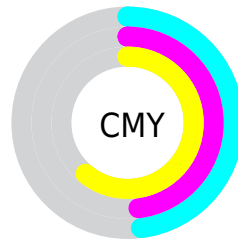


Cyan (0%)

Magenta (1%)

Yellow (26%)

Black (48%)



Cyan (48%)

Magenta (48%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.5370, -14.5617, 3.9141 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 128.5370, -14.5617, 3.9141 by changing the saturation by 10% instead.

■ 128.5370,
-14.5617, 3.9141

■ 128.5370,
-14.5617, 3.9141

■ 255.0000, 0.0000,
0.0000

■ 103.3520,
-13.9775, 3.1993

■ 181.3090,
-15.4353, 4.1140

■ 79.4660, -13.5407,
3.0993

■ 209.1950,
-15.8721, 4.2140

■ 56.2810, -12.9565,
2.3846

■ 237.3800,
-16.4563, 4.9287

■ 34.4660, -13.5407,
3.0993

■ 252.3780,
-10.0464, 2.2995

■ 13.8550, -6.8305,
-2.5038

■ 0.0000, 0.0000,
0.0000

■ 128.5370,
-14.5617, 3.9141

■ 128.5370,
-14.5617, 3.9141

■ 127.0550,
-20.2401, 5.2138

■ 130.0190, -8.8834,
2.6143

■ 124.8720,
-26.0659, 7.1283

■ 132.2020, -3.0576,
0.6998

■ 123.3900,
-31.7443, 8.4280

■ 133.6840, 2.6208,
-0.5999

■ 121.3210,
-37.1333, 10.2425

■ 135.7530, 8.0098,
-2.4144

■ 119.7250,
-43.2484, 11.6422

■ 137.3490, 14.1249,
-3.8141

■ 118.2430,
-48.9268, 12.9419

■ 138.8310, 19.8033,
-5.1138

■ 116.1740,
-54.3158, 14.7564

■ 140.9000, 25.1923,
-6.9283

■ 115.4900,

■ 142.3820, 30.8707,

-56.9366, 15.3563

-8.2280

■ 144.5650, 36.6965,
-10.1425

Harmonies

Analogous

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



130.3860, -15.4733, 16.3245



128.5370, -14.5617, 3.9141



126.5290, -9.1348, -10.1109

Triad

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



128.5370, -14.5617, 3.9141



124.1620, 14.2171, -33.4681



132.8270, 2.5503, 22.0767

Complementary

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



128.5370, -14.5617, 3.9141



103.4630, 14.5617, -3.9141

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.



132.6990, 10.0084, 9.9110



128.5370, -14.5617, 3.9141



127.2110, 16.6580, -22.9870

Square

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



128.5370, -14.5617, 3.9141



122.8540, 7.9600, -33.1980



130.8540, 14.8620, -6.8880



132.7970, -5.3229, 27.3650

Rectangle

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



128.5370, -14.5617, 3.9141



124.8420, -3.8661, -20.0324



130.8540, 14.8620, -6.8880



132.7880, 5.0345, 18.6029

Sweetspot

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



128.5370, -14.5617, 3.9141



171.5180, -5.6784, 1.2997



109.2800, -4.5750, 20.8024



85.3870, -3.6418, 1.4146



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



128.5370, -14.5617, 3.9141



166.3710, -22.8609, 5.8136



124.3400, -12.4926, -6.4372



65.3160, -2.6208, 0.5999



112.8320, -55.6262, 15.0563



2.0710, -1.0210, 0.8147

Inverse Universe

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



103.4630, 14.5617, -3.9141



126.6290, 22.8609, -5.8136



107.6600, 12.4926, 6.4372



60.6840, 2.6208, -0.5999



17.1680, 55.6262, -15.0563



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 128.5370, -14.5617, 3.9141 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 128.5370, -14.5617, 3.9141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

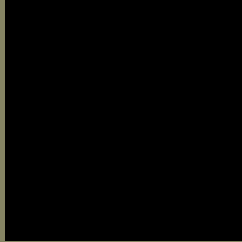
Any Text WCAG AA ✓ Pass

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 128.5370, -14.5617, 3.9141 Background



This preview shows how black text looks on a background with the YUV color 128.5370, -14.5617, 3.9141.



This preview shows how white text looks on a background with the YUV color 128.5370, -14.5617, 3.9141.

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

128.5370, -14.5617, 3.9141

Protanopia

129.0430, -15.3042, 8.7323

Deuteranopia

130.5220, -15.0473, 19.7132



Tritanopia

131.4290, 2.7465, 5.7628

Trichromacy



Original Color

128.5370, -14.5617, 3.9141

Protanomaly

129.0320, -15.2988, 6.9879

Deuteranomaly

130.1900, -14.8837, 13.8654

Tritanomaly

130.4090, -3.6526, 4.9033

Monochromacy



Original Color

128.5370, -14.5617, 3.9141

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.6320, -5.2416, 1.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.5370, -14.5617, 3.9141 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(133, 132, 99)` looks like.

```
.text, #text, p{  
    color:rgb(133, 132, 99)  
}
```

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(133, 132, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 132, 99) }
```

Border

The CSS property to change the border of an element to YUV 128.5370, -14.5617, 3.9141 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(133, 132, 99) }
```


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

```
.border{ border-color:rgb(133, 132, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 132, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 132, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 132, 99);  
box-shadow:4px 4px 4px 4px rgb(133, 132,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 128.5370, -14.5617, 3.9141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 132, 99) }
```

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

```
.background{ background-color: rgb(133,  
132, 99) }
```

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