

# Converting Colors

YUV(151.5480, -14.5672,  
5.6584)

Have a look what the booklet for  
YUV(151.5480, -14.5672, 5.6584)  
contains.

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# Color

**YUV(151.5480, -14.5672,  
5.6584)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E9A7A
RGB	158, 154, 122
RGB Percent	62%, 60%, 48%
CMY	0.3804, 0.3961, 0.5216
CMYK	0.00, 0.03, 0.23, 0.38
HSL	53°, 16%, 55%
HSV	53°, 23%, 62%
XYZ	29.1690, 31.7854, 23.0102
YIQ	151.5480, 12.6560, -9.1040

# Conversions

## Conversions Part 2

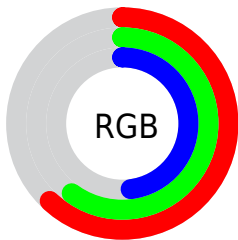
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 158, 122
Decimal	10394234
CIE <sub>Lab</sub>	63.17, -3.97, 17.36
CIE <sub>LCh</sub>	63, 17.811, 102.878
Yxy	31.7854, 0.3474, 0.3786
Android (android.graphics.Color)	4288584314 (0xFF9E9A7A)
YUV	151.5480, -14.5672, 5.6584
Hunter-Lab	56.3786, -6.3106, 15.2666

# Details

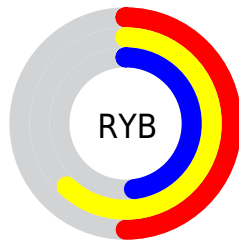
The YUV color **151.5480, -14.5672, 5.6584** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **128.4520, 14.5672, -5.6584**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.7330, -15.1514, 6.3732**, and **100.4770, -13.5462, 4.8437** is the 20% darker color. If you saturate the color by 10%, you get **148.5500, -20.9771, 8.2877**, and if you desaturate by 10%, it is **154.5460, -8.1572, 3.0292**.

# Distribution



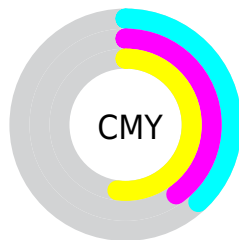
- Red (62%)
- Green (60%)
- Blue (48%)



- Red (50%)
- Yellow (62%)
- Blue (48%)



- Cyan (0%)
- Magenta (3%)
- Yellow (23%)
- Black (38%)



- Cyan (38%)
- Magenta (40%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 151.5480, -14.5672, 5.6584 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 151.5480, -14.5672, 5.6584 by changing the saturation by 10% instead.



■ 151.5480,  
-14.5672, 5.6584

■ 151.5480,  
-14.5672, 5.6584

■ 255.0000, 0.0000,  
0.0000

■ 125.6620,  
-14.1304, 5.5584

■ 205.7330,  
-15.1514, 6.3732

■ 100.4770,  
-13.5462, 4.8437

■ 234.2060,  
-15.8776, 5.9583

■ 76.5910, -13.1094,  
4.7437

■ 252.1500,  
-10.9200, 2.4994

■ 53.5200, -12.0884,  
3.9290

■ 32.1780, -13.3988,  
4.2289

■ 10.3110, -5.0833,  
-2.9037

■ 0.0000, 0.0000,

0.0000

■ 151.5480,  
-14.5672, 5.6584

■ 151.5480,  
-14.5672, 5.6584

■ 148.5500,  
-20.9771, 8.2877

■ 154.5460, -8.1572,  
3.0292

■ 145.5520,  
-27.3871, 10.9169

■ 157.5440, -1.7472,  
0.3999

■ 143.2550,  
-33.6497, 12.9314

■ 159.8410, 4.5154,  
-1.6146

■ 140.2570,  
-40.0597, 15.5606

■ 162.8390, 10.9254,  
-4.2438

■ 137.2590,  
-46.4697, 18.1899

■ 165.8370, 17.3354,  
-6.8730

■ 134.2610,  
-52.8797, 20.8191

■ 168.8350, 23.7453,  
-9.5023

■ 131.8500,  
-59.5790, 22.9336

■ 171.2460, 30.4447,  
-11.6167

■ 129.4220,  
-63.8050, 25.0629

■ 174.1300, 36.4179,  
-14.1460

■ 176.1020, 38.8967,  
-15.8755

# Harmonies

## Analogous

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



153.2120, -14.8945, 17.3541



151.5480, -14.5672, 5.6584



149.3120, -10.0138, -8.1666

# Triad

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



151.5480, -14.5672, 5.6584



147.5320, 13.0487, -32.0386



156.0440, 3.4293, 20.1324

# Complementary

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



151.5480, -14.5672, 5.6584



128.4520, 14.5672, -5.6584

# 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.



155.3890, 10.1612, 7.5518



151.5480, -14.5672, 5.6584



150.0970, 16.2212, -22.8871

# Square

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



151.5480, -14.5672, 5.6584



146.4090, 6.2074, -31.0537



153.2560, 15.1568, -8.1175



155.6120, -4.7387, 26.6503



# Rectangle

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



151.5480, -14.5672, 5.6584



148.5110, -5.1819, -17.9881



153.2560, 15.1568, -8.1175



156.0050, 5.9135, 16.6586

# Sweetspot

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



151.5480, -14.5672, 5.6584



204.1160, -5.9732, 2.5293



133.2200, -3.5595, 21.7321



103.3870, -3.6418, 1.4146



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



151.5480, -14.5672, 5.6584



196.5070, -22.4350, 9.2024



149.7100, -13.6610, -5.0077



77.5010, -3.2050, 1.3146



117.3060, -57.8319, 22.5336



12.7030, -6.2626, 2.0145



# Inverse Universe

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



128.4520, 14.5672, -5.6584



160.9060, 22.7243, -8.6876



130.2900, 13.6610, 5.0077



72.4990, 3.2050, -1.3146



25.6940, 57.8319, -22.5336



2.8840, 5.9732, -2.5293



# Previews

## White Background



This preview shows how the YUV color 151.5480, -14.5672, 5.6584 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 151.5480, -14.5672, 5.6584 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

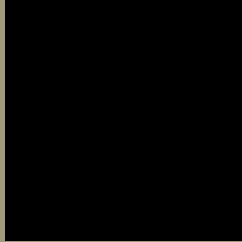
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 151.5480, -14.5672, 5.6584 Background



This preview shows how black text looks on a background with the YUV color 151.5480, -14.5672, 5.6584.



This preview shows how white text looks on a background with the YUV color 151.5480, -14.5672, 5.6584.



# 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

151.5480, -14.5672, 5.6584

### Protanopia

152.0430, -15.3042, 8.7323

### Deuteranopia

153.5330, -15.0528, 21.4576



## Tritanopia

154.4400, 2.7411, 7.5071

# Trichromacy



## Original Color

151.5480, -14.5672, 5.6584

## Protanomaly

151.7440, -15.1568, 8.1175

## Deuteranomaly

153.2010, -14.8891, 15.6097

## Tritanomaly

153.4200, -3.6581, 6.6477

# Monochromacy



## Original Color

151.5480, -14.5672, 5.6584

## Achromatopsia

152.0000, 0.0000, 0.0000

## Achromatomaly

151.9310, -5.3890, 1.8145

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 151.5480, -14.5672, 5.6584 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(158, 154, 122)` looks like.

```
.text, #text, p{  
    color:rgb(158, 154, 122)  
}
```

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(158, 154, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 154, 122) }
```

## Border

The CSS property to change the border of an element to YUV 151.5480, -14.5672, 5.6584 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(158, 154, 122) }
```



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

```
.border{ border-color:rgb(158, 154, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 154, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 154, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 154, 122);  
box-shadow:4px 4px 4px 4px rgb(158, 154,  
122) }
```

# Background

The CSS property to change the background color of an element to YUV 151.5480, -14.5672, 5.6584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 154, 122) }
```

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

```
.background{ background-color: rgb(158,  
154, 122) }
```

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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