

# Converting Colors

YUV(159.8280, -22.5932,  
13.3058)

Have a look what the booklet for  
YUV(159.8280, -22.5932, 13.3058)  
contains.

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# Color

**YUV(159.8280, -22.5932,  
13.3058)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFA172
RGB	175, 161, 114
RGB Percent	69%, 63%, 45%
CMY	0.3137, 0.3686, 0.5529
CMYK	0.00, 0.08, 0.35, 0.31
HSL	46°, 28%, 57%
HSV	46°, 35%, 69%
XYZ	33.4613, 35.8186, 21.0697
YIQ	159.8280, 23.4310, -11.6490

# Conversions

## Conversions Part 2

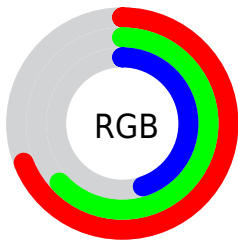
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 175, 114
Decimal	11510130
CIELab	66.38, -2.04, 26.36
CIElCh	66, 26.434, 94.424
Yxy	35.8186, 0.3704, 0.3964
Android (android.graphics.Color)	4289700210 (0xFFAFA172)
YUV	159.8280, -22.5932, 13.3058
Hunter-Lab	59.8486, -4.9359, 21.0211

# Details

The YUV color **159.8280, -22.5932, 13.3058** is a light color, and the websafe version is hex **999966**. A complement of this color would be **129.1720, 22.5932, -13.3058**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.7850, -24.0510, 14.2206**, and **108.1590, -21.2774, 11.2616** is the 20% darker color. If you saturate the color by 10%, you get **155.5420, -28.8612, 17.0647**, and if you desaturate by 10%, it is **164.2280, -15.8884, 9.4470**.

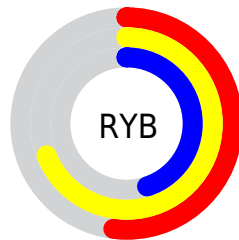
# Distribution



Red (69%)

Green (63%)

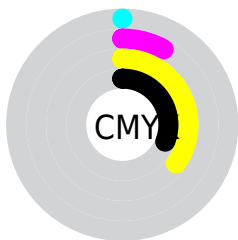
Blue (45%)



Red (52%)

Yellow (69%)

Blue (45%)

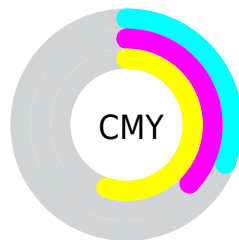


Cyan (0%)

Magenta (8%)

Yellow (35%)

Black (31%)



Cyan (31%)

Magenta (37%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 159.8280, -22.5932, 13.3058 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 159.8280, -22.5932, 13.3058 by changing the saturation by 10% instead.



■ 159.8280,  
-22.5932, 13.3058

■ 159.8280,  
-22.5932, 13.3058

255.0000, 0.0000,  
0.0000

■ 133.6430,  
-22.0090, 12.5911

■ 214.7850,  
-24.0510, 14.2206

■ 108.1590,  
-21.2774, 11.2616

■ 241.5890,  
-23.4614, 11.7614

■ 83.3870, -20.4038,  
11.0616

■ 251.2380,  
-14.4143, 3.2993

■ 59.9030, -19.6722,  
9.7321

■ 254.4300, -2.1840,  
0.4999

■ 37.8320, -18.6512,  
8.9173

■ 18.9160, -9.3256,  
4.4587

■ 0.0000, 0.0000,

0.0000

■ 159.8280,  
-22.5932, 13.3058

■ 159.8280,  
-22.5932, 13.3058

■ 155.5420,  
-28.8612, 17.0647

■ 164.2280,  
-15.8884, 9.4470

■ 151.1420,  
-35.5660, 20.9235

■ 168.5140, -9.6204,  
5.6882

■ 146.8560,  
-41.8340, 24.6823

■ 172.9140, -2.9156,  
1.8294

■ 142.4560,  
-48.5388, 28.5411

■ 177.2000, 3.3524,  
-1.9294

■ 138.0560,  
-55.2436, 32.3999

■ 181.6000, 10.0572,  
-5.7882

■ 133.7700,  
-61.5116, 36.1587

■ 185.8860, 16.3252,  
-9.5470

■ 131.5700,  
-64.8640, 38.0881

■ 190.2860, 23.0300,  
-13.4058

■ 194.5720, 29.2980,  
-17.1646

■ 197.0340, 28.5772,  
-19.3238

# Harmonies

## Analogous

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



161.9810, -21.1896, 29.8347



159.8280, -22.5932, 13.3058



157.0750, -17.2920, -7.0818

# Triad

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



159.8280, -22.5932, 13.3058



150.0670, 18.2080, -53.5558



165.3420, 8.2124, 26.0101

# Complementary

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



159.8280, -22.5932, 13.3058



129.1720, 22.5932, -13.3058

# 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.



164.1420, 18.1710, 5.1375



159.8280, -22.5932, 13.3058



153.8540, 24.7220, -42.8450

# Square

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



159.8280, -22.5932, 13.3058



150.7230, 6.5456, -46.2381



159.4700, 23.9253, -20.5832



164.8460, -2.8821, 37.8461



# Rectangle

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



159.8280, -22.5932, 13.3058



154.7080, -10.7020, -20.7919



159.4700, 23.9253, -20.5832



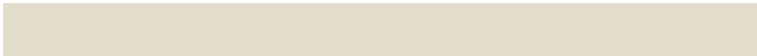
165.2210, 11.7230, 19.9772

# Sweetspot

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



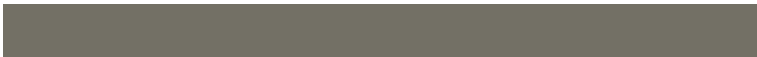
159.8280, -22.5932, 13.3058



221.4430, -8.5994, 4.8735



133.8350, -2.8767, 36.1017



111.6430, -5.2470, 2.9441



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



159.8280, -22.5932, 13.3058



203.2560, -35.1292, 20.8235



163.2620, -24.2862, -3.7378



84.8000, -3.3524, 1.9294



112.9420, -55.6804, 32.4999



17.4430, -8.5994, 4.8735



# Inverse Universe

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



129.1720, 22.5932, -13.3058



155.7440, 35.1292, -20.8235



125.7380, 24.2862, 3.7378



80.2000, 3.3524, -1.9294



37.6450, 55.3910, -33.0147



5.5570, 8.5994, -4.8735



# Previews

## White Background



This preview shows how the YUV color 159.8280, -22.5932, 13.3058 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 159.8280, -22.5932, 13.3058 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

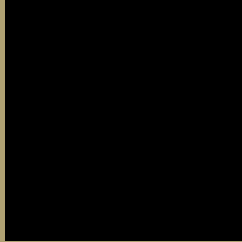
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 159.8280, -22.5932, 13.3058

## Background



This preview shows how black text looks on a background with the YUV color 159.8280, -22.5932, 13.3058.



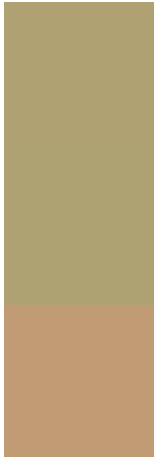
This preview shows how white text looks on a background with the YUV color 159.8280, -22.5932, 13.3058.



# 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

159.8280, -22.5932, 13.3058

### Protanopia

159.5290, -22.4458, 12.6911

### Deuteranopia

161.5030, -22.9260, 26.7459



## Tritanopia

163.4410, 1.2616, 15.3992

# Trichromacy



## Original Color

159.8280, -22.5932, 13.3058

## Protanomaly

159.5290, -22.4458, 12.6911

## Deuteranomaly

160.8830, -22.6203, 22.0276

## Tritanomaly

162.4380, -7.6109, 14.5249

# Monochromacy



## Original Color

159.8280, -22.5932, 13.3058

## Achromatopsia

160.0000, 0.0000, 0.0000

## Achromatomaly

159.5570, -8.1626, 4.7735

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 159.8280, -22.5932, 13.3058 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(175, 161, 114)` looks like.

```
.text, #text, p{  
    color:rgb(175, 161, 114)  
}
```

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(175, 161, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 161, 114) }
```

## Border

The CSS property to change the border of an element to YUV 159.8280, -22.5932, 13.3058 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(175, 161, 114) }
```



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

```
.border{ border-color:rgb(175, 161, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 161, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 161, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 161, 114);  
box-shadow:4px 4px 4px 4px rgb(175, 161,  
114) }
```

# Background

The CSS property to change the background color of an element to YUV 159.8280, -22.5932, 13.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 161, 114) }
```

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

```
.background{ background-color: rgb(175,  
161, 114) }
```

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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