

# Converting Colors

YUV(133.0910, -28.1459,  
20.9682)

Have a look what the booklet for  
YUV(133.0910, -28.1459, 20.9682)  
contains.

<b>YUV(133.0910, -28.1459, 20.9682)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(133.0910, -28.1459,  
20.9682)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D844C
RGB	157, 132, 76
RGB Percent	62%, 52%, 30%
CMY	0.3843, 0.4824, 0.7020
CMYK	0.00, 0.16, 0.52, 0.38
HSL	41°, 35%, 46%
HSV	41°, 52%, 62%
XYZ	23.4604, 24.1924, 10.2706
YIQ	133.0910, 32.8760, -12.1160

# Conversions

## Conversions Part 2

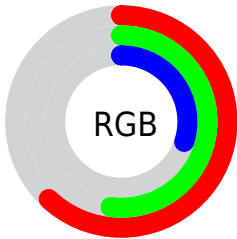
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 157, 76
Decimal	10323020
CIE <sub>Lab</sub>	56.28, 2.09, 33.58
CIE <sub>LCh</sub>	56, 33.644, 86.436
Y <sub>xy</sub>	24.1924, 0.4050, 0.4177
Android (android.graphics.Color)	4288513100 (0xFF9D844C)
Y <sub>UV</sub>	133.0910, -28.1459, 20.9682
Hunter-Lab	49.1858, -0.9351, 22.0496

# Details

The YUV color **133.0910, -28.1459, 20.9682** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **99.9090, 28.1459, -20.9682**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.6460, -29.8985, 23.1125**, and **82.8240, -26.5352, 17.6944** is the 20% darker color. If you saturate the color by 10%, you get **128.3320, -33.6877, 25.1418**, and if you desaturate by 10%, it is **137.8500, -22.6040, 16.7946**.

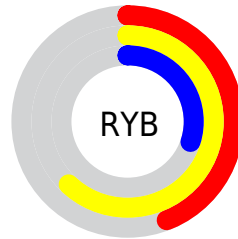
# Distribution



Red (62%)

Green (52%)

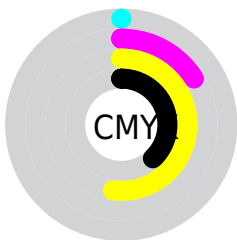
Blue (30%)



Red (44%)

Yellow (62%)

Blue (30%)

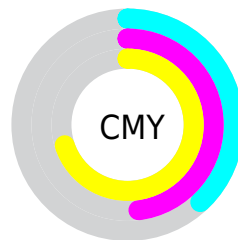


Cyan (0%)

Magenta (16%)

Yellow (52%)

Black (38%)



Cyan (38%)

Magenta (48%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 133.0910, -28.1459, 20.9682 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 133.0910, -28.1459, 20.9682 by changing the saturation by 10% instead.



■ 133.0910,  
-28.1459, 20.9682

■ 133.0910,  
-28.1459, 20.9682

■ 255.0000, 0.0000,  
0.0000

■ 107.6070,  
-27.4143, 19.6387

■ 186.6460,  
-29.8985, 23.1125

■ 82.8240, -26.5352,  
17.6944

■ 214.7170,  
-30.9195, 23.9272

■ 59.1120, -26.6772,  
16.5648

■ 238.1180,  
-29.1452, 14.8055

■ 38.4520, -18.9568,  
13.6356

■ 249.5280,  
-20.9663, 4.7989

■ 19.2370, -9.4838,  
8.5622

■ 252.8340, -8.2992,  
1.8996

■ 0.0000, 0.0000,  
0.0000

■ 133.0910,  
-28.1459, 20.9682

■ 133.0910,  
-28.1459, 20.9682

■ 128.3320,  
-33.6877, 25.1418

■ 137.8500,  
-22.6040, 16.7946

■ 123.6870,  
-38.7927, 29.2155

■ 142.4950,  
-17.4990, 12.7209

■ 118.9280,  
-44.3345, 33.3891

■ 147.2540,  
-11.9572, 8.5472

■ 114.7560,  
-50.1657, 37.0480

■ 151.4260, -6.1260,  
4.8884

■ 110.9260,  
-54.6865, 40.4069

■ 156.1850, -0.5842,  
0.7148

■ 160.8300, 4.5208,  
-3.3589

■ 165.5890, 10.0626,  
-7.5326

■ 170.3480, 15.6044,

-11.7062

■ 174.9930, 20.7095,  
-15.7799

# Harmonies

## Analogous

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



135.3520, -23.8375, 39.1563



133.0910, -28.1459, 20.9682



129.9740, -24.1442, -2.6082

# Triad

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



133.0910, -28.1459, 20.9682



106.2900, 26.4790, -93.2163



138.6500, 14.4696, 25.7400

# Complementary

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



133.0910, -28.1459, 20.9682



99.9090, 28.1459, -20.9682

# 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.



136.8080, 24.7447, -3.3396



133.0910, -28.1459, 20.9682



111.9460, 35.0296, -82.3906

# Square

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



133.0910, -28.1459, 20.9682



118.1190, 5.8573, -58.8634



128.7110, 31.6945, -39.2115



137.9160, 1.0274, 43.9237



# Rectangle

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



133.0910, -28.1459, 20.9682



127.2260, -16.3804, -19.4922



128.7110, 31.6945, -39.2115



138.2190, 18.1330, 17.3479

# Sweetspot

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



133.0910, -28.1459, 20.9682



195.1830, -10.9362, 7.7325



103.1830, -0.5832, 47.1975



96.4260, -6.1260, 4.8884



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



133.0910, -28.1459, 20.9682



166.7430, -43.7503, 32.6744



143.2810, -33.1695, -1.1234



76.9140, -2.9156, 1.8294



100.8700, -49.7289, 36.9480



10.9420, -5.3944, 3.5589



# Inverse Universe

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



99.9090, 28.1459, -20.9682



115.2570, 43.7503, -32.6744



89.7190, 33.1695, 1.1234



73.6730, 2.6262, -2.3442



42.1300, 49.7289, -36.9480



4.6450, 5.1050, -4.0737



# Previews

## White Background



This preview shows how the YUV color 133.0910, -28.1459, 20.9682 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

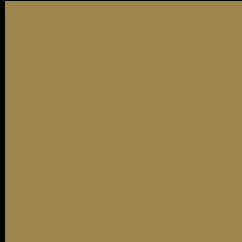
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 133.0910, -28.1459, 20.9682 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

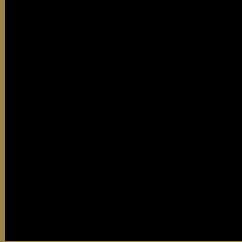
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 133.0910, -28.1459, 20.9682

## Background



This preview shows how black text looks on a background with the YUV color 133.0910, -28.1459, 20.9682.



This preview shows how white text looks on a background with the YUV color 133.0910, -28.1459,



# 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

133.0910, -28.1459, 20.9682

### Protanopia

132.2750, -27.2506, 13.7908

### Deuteranopia

133.8360, -28.0201, 27.3308



## Tritanopia

137.2030, -1.0861, 21.7470

# Trichromacy



## Original Color

133.0910, -28.1459, 20.9682

## Protanomaly

132.5850, -27.4034, 16.1500

## Deuteranomaly

133.5260, -27.8673, 24.9717

## Tritanomaly

135.9720, -10.8322, 21.0726

# Monochromacy



## Original Color

133.0910, -28.1459, 20.9682

## Achromatopsia

133.0000, 0.0000, 0.0000

## Achromatomaly

133.2970, -10.4994, 7.6325

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 133.0910, -28.1459, 20.9682 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(157, 132, 76)` looks like.

```
.text, #text, p{  
    color:rgb(157, 132, 76)  
}
```

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(157, 132, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 132, 76) }
```

## Border

The CSS property to change the border of an element to YUV 133.0910, -28.1459, 20.9682 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(157, 132, 76) }
```



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

```
.border{ border-color:rgb(157, 132, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 132, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 132, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 132, 76);  
box-shadow:4px 4px 4px 4px rgb(157, 132,  
76) }
```

# Background

The CSS property to change the background color of an element to YUV 133.0910, -28.1459, 20.9682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 132, 76) }
```

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

```
.background{ background-color: rgb(157,  
132, 76) }
```

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