

# Converting Colors

YUV(132.8880, 0.0552, 29.0392)

Have a look what the booklet for  
YUV(132.8880, 0.0552, 29.0392)  
contains.

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# Color

**YUV(132.8880, 0.0552,  
29.0392)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A67485
RGB	166, 116, 133
RGB Percent	65%, 45%, 52%
CMY	0.3490, 0.5451, 0.4784
CMYK	0.00, 0.30, 0.20, 0.35
HSL	340°, 22%, 55%
HSV	340°, 30%, 65%
XYZ	26.2049, 22.2912, 25.1118
YIQ	132.8880, 24.3430, 15.8870

# Conversions

## Conversions Part 2

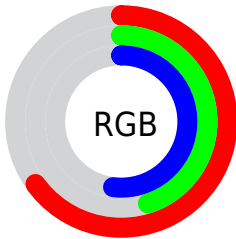
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 116, 133
Decimal	10908805
CIELab	54.33, 22.26, -1.38
CIElCh	54, 22.302, 356.443
Yxy	22.2912, 0.3560, 0.3028
Android (android.graphics.Color)	4289098885 (0xFFA67485)
YUV	132.8880, 0.0552, 29.0392
Hunter-Lab	47.2136, 16.4489, 1.5146

# Details

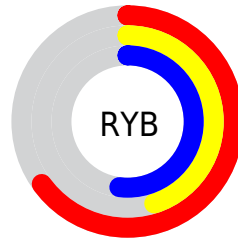
The YUV color **132.8880, 0.0552, 29.0392** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **149.1120, -0.0552, -29.0392**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1980, -0.0976, 31.3984**, and **82.6920, 0.6448, 26.5801** is the 20% darker color. If you saturate the color by 10%, you get **121.6550, 0.1701, 38.8906**, and if you desaturate by 10%, it is **144.1210, -0.0597, 19.1879**.

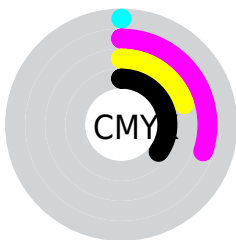
# Distribution



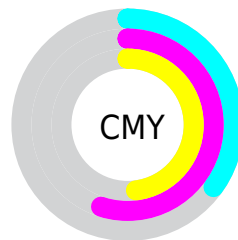
- Red (65%)
- Green (45%)
- Blue (52%)



- Red (65%)
- Yellow (45%)
- Blue (52%)



- Cyan (0%)
- Magenta (30%)
- Yellow (20%)
- Black (35%)




- Cyan (35%)
- Magenta (55%)
- Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 132.8880, 0.0552, 29.0392 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 132.8880, 0.0552, 29.0392 by changing the saturation by 10% instead.





 132.8880, 0.0552,  
29.0392


 132.8880, 0.0552,  
29.0392


255.0000, 0.0000,  
0.0000


 107.2900, 0.3500,  
27.8097


 186.1980, -0.0976,  
31.3984

 82.6920, 0.6448,  
26.5801


 214.4970, -0.2450,  
32.0131


 59.0940, 0.9397,  
25.3506

 235.3210, 3.2927,  
17.2585

 36.1970, 1.3819,  
23.5062

253.8260, 0.5788,  
1.0296

 14.3110, 1.8187,  
23.4063

 0.0000, 0.0000,  
0.0000

■ 132.8880, 0.0552,  
29.0392

■ 132.8880, 0.0552,  
29.0392

■ 121.6550, 0.1701,  
38.8906

■ 144.1210, -0.0597,  
19.1879

■ 111.0090, -0.0044,  
48.2271

■ 154.7670, 0.1149,  
9.8513

■ 99.7760, 0.1104,  
58.0784

■ 166.0000, 0.0000,  
0.0000

■ 89.1300, -0.0641,  
67.4150

■ 176.6460, 0.1745,  
-9.3365

■ 77.8970, 0.0508,  
77.2663

■ 187.8790, 0.0597,  
-19.1879

■ 66.6640, 0.1656,  
87.1177


■ 199.1120, -0.0552,  
-29.0392

■ 56.0180, -0.0089,  
96.4542

■ 209.7580, 0.1193,  
-38.3758

■ 220.9910, 0.0044,

-48.2271

 225.7670, 3.0729,  
-52.4157

# Harmonies

## Analogous

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



133.4010, 8.6763, 17.1883



132.8880, 0.0552, 29.0392



132.2060, -8.9756, 32.2683

# Triad

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



132.8880, 0.0552, 29.0392



127.1620, -15.8559, -1.0191



122.9810, 18.7434, -38.5713

# Complementary

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



132.8880, 0.0552, 29.0392



149.1120, -0.0552, -29.0392

# 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.



120.0530, 12.7919, -43.0195



132.8880, 0.0552, 29.0392



124.4140, -8.0921, -17.9031

# Square

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



132.8880, 0.0552, 29.0392



129.2780, -18.3781, 14.6652



122.0620, 2.4344, -34.2574



127.1340, 20.1469, -22.0425



# Rectangle

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



132.8880, 0.0552, 29.0392



131.5170, -14.0589, 29.3646



122.0620, 2.4344, -34.2574



121.6170, 17.4438, -41.7601

# Sweetspot

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



132.8880, 0.0552, 29.0392



203.7780, 0.1094, 11.5957



131.5670, 16.9755, 15.2887



102.0440, -0.0217, 6.9774



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



132.8880, 0.0552, 29.0392



165.2860, -0.1410, 45.3532



135.0590, -9.3961, 27.1353



78.7340, 0.1311, 4.6183



49.9520, 0.0237, 85.9881



6.7780, 0.1094, 11.5957



# Inverse Universe

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



132.8880, 0.0552, 29.0392



165.2860, -0.1410, 45.3532



146.3540, 9.6855, -26.6205



78.7340, 0.1311, 4.6183



49.9520, 0.0237, 85.9881

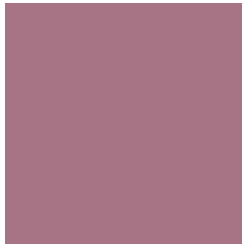


6.7780, 0.1094, 11.5957



# Previews

## White Background



This preview shows how the YUV color 132.8880, 0.0552, 29.0392 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

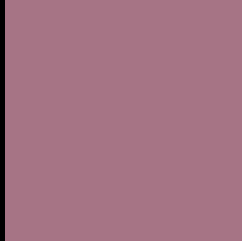
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 132.8880, 0.0552, 29.0392 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

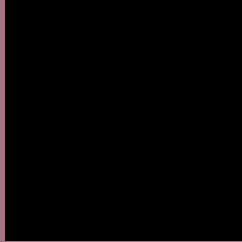
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 132.8880, 0.0552, 29.0392

## Background



This preview shows how black text looks on a background with the YUV color 132.8880, 0.0552, 29.0392.



This preview shows how white text looks on a background with the YUV color 132.8880, 0.0552,



# 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

132.8880, 0.0552, 29.0392

### Protanopia

130.3680, 5.2416, -1.1997

### Deuteranopia

131.3540, -0.1745, 9.3365



## Tritanopia

132.3780, -3.1444, 28.6095

# Trichromacy



## Original Color

132.8880, 0.0552, 29.0392

## Protanomaly

130.9780, 3.4618, 9.6663

## Deuteranomaly

131.8110, 0.0932, 16.8288

## Tritanomaly

132.7200, -1.8340, 28.3096

# Monochromacy



## Original Color

132.8880, 0.0552, 29.0392

## Achromatopsia

133.0000, 0.0000, 0.0000

## Achromatomaly

133.0660, -0.0325, 10.4661

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 132.8880, 0.0552, 29.0392 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(166, 116, 133)` looks like.

```
.text, #text, p{  
    color:rgb(166, 116, 133)  
}
```

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(166, 116, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 116, 133) }
```

## Border

The CSS property to change the border of an element to YUV 132.8880, 0.0552, 29.0392 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(166, 116, 133) }
```



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

```
.border{ border-color:rgb(166, 116, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 116, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 116, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 116, 133);  
box-shadow:4px 4px 4px 4px rgb(166, 116,  
133) }
```

# Background

The CSS property to change the background color of an element to YUV 132.8880, 0.0552, 29.0392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 116, 133) }
```

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

```
.background{ background-color: rgb(166,  
116, 133) }
```

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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