

# Converting Colors

YUV(101.3330, 1.8078, 26.8950)

Have a look what the booklet for  
YUV(101.3330, 1.8078, 26.8950)  
contains.

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# Color

**YUV(101.3330, 1.8078,  
26.8950)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	845569
RGB	132, 85, 105
RGB Percent	52%, 33%, 41%
CMY	0.4824, 0.6667, 0.5882
CMYK	0.00, 0.36, 0.20, 0.48
HSL	334°, 22%, 43%
HSV	334°, 36%, 52%
XYZ	15.3140, 12.4225, 14.9552
YIQ	101.3330, 21.5920, 16.1840

# Conversions

## Conversions Part 2

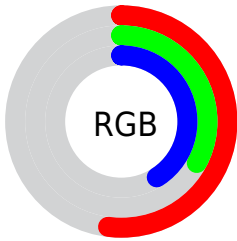
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 85, 105
Decimal	8672617
CIE <sub>Lab</sub>	41.88, 22.59, -3.40
CIE <sub>LCh</sub>	42, 22.846, 351.446
Yxy	12.4225, 0.3587, 0.2910
Android (android.graphics.Color)	4286862697 (0xFF845569)
YUV	101.3330, 1.8078, 26.8950
Hunter-Lab	35.2455, 15.8779, -0.4859

# Details

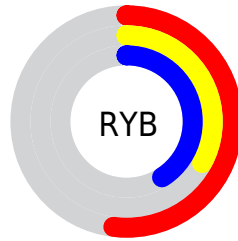
The YUV color **101.3330, 1.8078, 26.8950** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **115.6670, -1.8078, -26.8950**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.6430, 1.6550, 29.2541**, and **53.7240, 2.1081, 23.9211** is the 20% darker color. If you saturate the color by 10%, you get **92.7900, 2.0755, 34.3872**, and if you desaturate by 10%, it is **109.8760, 1.5401, 19.4027**.

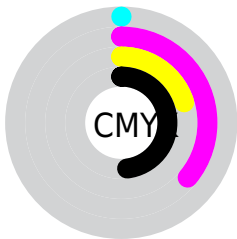
# Distribution



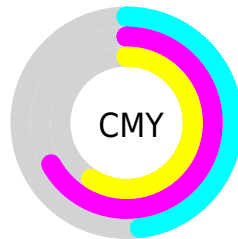
- Red (52%)
- Green (33%)
- Blue (41%)



- Red (52%)
- Yellow (33%)
- Blue (41%)



- Cyan (0%)
- Magenta (36%)
- Yellow (20%)
- Black (48%)



- Cyan (48%)
- Magenta (67%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.3330, 1.8078, 26.8950 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 101.3330, 1.8078, 26.8950 by changing the saturation by 10% instead.



101.3330, 1.8078,  
26.8950

101.3330, 1.8078,  
26.8950

255.0000, 0.0000,  
0.0000

76.7350, 2.1026,  
25.6654

152.6430, 1.6550,  
29.2541

53.7240, 2.1081,  
23.9211

179.9420, 1.5076,  
29.8689

30.5390, 2.6923,  
23.2063

207.6540, 1.6496,  
30.9984

12.7730, 1.0979,  
21.2471

230.8700, 4.0081,  
21.1620

0.0000, 0.0000,  
0.0000

249.1300, 2.8939,  
5.1480

101.3330, 1.8078,  
26.8950

101.3330, 1.8078,  
26.8950

92.7900, 2.0755,  
34.3872

109.8760, 1.5401,  
19.4027

84.3610, 2.7800,  
41.7794

118.3050, 0.8356,  
12.0105

75.2310, 3.3371,  
49.7864

127.4350, 0.2785,  
4.0035

66.8020, 4.0416,  
57.1786

135.8640, -0.4260,  
-3.3887

58.2590, 4.3093,  
64.6709

144.4070, -0.6937,  
-10.8809

49.8300, 5.0138,  
72.0631

152.8360, -1.3981,  
-18.2732

45.8520, 5.0030,  
75.5518

161.3790, -1.6658,  
-25.7654

170.5090, -2.2229,

-33.7724

■ 178.9380, -2.9274,  
-41.1646

# Harmonies

## Analogous

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



101.1340, 10.2869, 13.9145



101.3330, 1.8078, 26.8950



100.3630, -7.0810, 31.2536

# Triad

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



101.3330, 1.8078, 26.8950



96.3580, -16.4455, 1.4400



88.7630, 19.3438, -44.5192

# Complementary

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



101.3330, 1.8078, 26.8950



115.6670, -1.8078, -26.8950

# 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.



86.9170, 12.3659, -46.4082



101.3330, 1.8078, 26.8950



93.4960, -9.1185, -15.3440

# Square

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



101.3330, 1.8078, 26.8950



98.4030, -17.9467, 16.3096



90.4320, 1.2660, -32.8279



94.5140, 20.4526, -26.7608



# Rectangle

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



101.3330, 1.8078, 26.8950



99.9730, -12.3117, 28.9647



90.4320, 1.2660, -32.8279



87.2850, 17.6075, -47.6079

# Sweetspot

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



101.3330, 1.8078, 26.8950



158.5930, 0.6937, 10.8809



98.4310, 16.5495, 11.9000



79.1580, 0.4151, 6.8774



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.



101.3330, 1.8078, 26.8950



122.7740, 3.0694, 42.2942



100.8140, -7.7963, 27.3501



62.0220, -0.0108, 3.4887



45.1400, 4.8610, 74.4222



1.0110, -0.0054, 1.7444



# Inverse Universe

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



101.3330, 1.8078, 26.8950



122.7740, 3.0694, 42.2942



116.1860, 7.7963, -27.3501



62.0220, -0.0108, 3.4887



45.1400, 4.8610, 74.4222

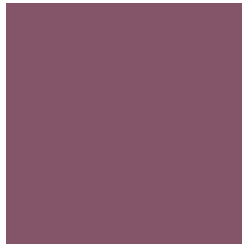


1.0110, -0.0054, 1.7444



# Previews

## White Background



This preview shows how the YUV color 101.3330, 1.8078, 26.8950 looks on a white 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



# Black Background



This preview shows how the YUV color 101.3330, 1.8078, 26.8950 looks on a black 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

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

# YUV 101.3330, 1.8078, 26.8950

## Background



This preview shows how black text looks on a background with the YUV color 101.3330, 1.8078, 26.8950.



This preview shows how white text looks on a background with the YUV color 101.3330, 1.8078,



# 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

101.3330, 1.8078, 26.8950

### Protanopia

99.4110, 6.6994, -2.1144

### Deuteranopia

100.0870, 1.4361, 6.0627



## Tritanopia

100.9540, -3.4283, 26.3503

# Trichromacy



## Original Color

101.3330, 1.8078, 26.8950

## Protanomaly

100.0210, 4.9196, 8.7516

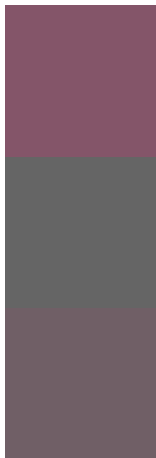
## Deuteranomaly

100.5440, 1.7038, 13.5549

## Tritanomaly

100.8230, -1.3917, 26.4652

# Monochromacy



## Original Color

101.3330, 1.8078, 26.8950

## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

100.8810, 0.5517, 9.7514

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.3330, 1.8078, 26.8950 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(132, 85, 105)` looks like.

```
.text, #text, p{  
    color:rgb(132, 85, 105)  
}
```

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(132, 85, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 85, 105) }
```

## Border

The CSS property to change the border of an element to YUV 101.3330, 1.8078, 26.8950 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(132, 85, 105) }
```



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

```
.border{ border-color:rgb(132, 85, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 85, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 85, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 85, 105);  
box-shadow:4px 4px 4px 4px rgb(132, 85,  
105) }
```

# Background

The CSS property to change the background color of an element to YUV 101.3330, 1.8078, 26.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 85, 105) }
```

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

```
.background{ background-color: rgb(132, 85,  
105) }
```

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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