

# Converting Colors

YUV(156.1830, -7.4852,  
20.8875)

Have a look what the booklet for  
YUV(156.1830, -7.4852, 20.8875)  
contains.

<b>YUV(156.1830, -7.4852, 20.8875)</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(156.1830, -7.4852,  
20.8875)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4938D
RGB	180, 147, 141
RGB Percent	71%, 58%, 55%
CMY	0.2941, 0.4235, 0.4471
CMYK	0.00, 0.18, 0.22, 0.29
HSL	9°, 21%, 63%
HSV	9°, 22%, 71%
XYZ	34.0638, 32.4938, 29.6759
YIQ	156.1830, 21.5940, 5.1300

# Conversions

## Conversions Part 2

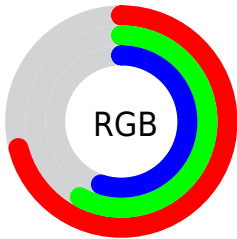
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 148, 141
Decimal	11834253
CIE <sub>Lab</sub>	63.75, 11.41, 7.83
CIE <sub>LCh</sub>	64, 13.839, 34.442
Yxy	32.4938, 0.3540, 0.3377
Android (android.graphics.Color)	4290024333 (0xFFB4938D)
YUV	156.1830, -7.4852, 20.8875
Hunter-Lab	57.0034, 6.9114, 9.0360




# Details

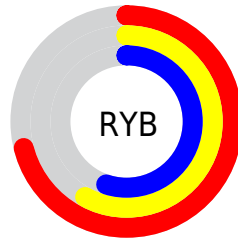
The YUV color  $156.1830, -7.4852, 20.8875$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $164.8170, 7.4852, -20.8875$ , and the grayscale version is  $156.0000, 0.0000, 0.0000$ .




A 20% lighter version of the original color is  $210.7810, -7.7800, 22.1171$ , and  $104.6990, -6.7536, 19.5580$  is the 20% darker color. If you saturate the color by 10%, you get  $145.3260, -11.0067, 30.4091$ , and if you desaturate by 10%, it is  $167.0400, -3.9637, 11.3659$ .

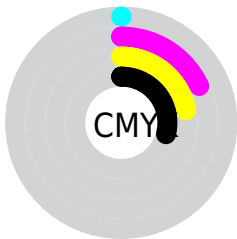
# Distribution







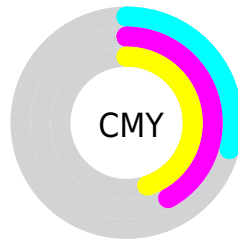
-  Red (71%)
-  Green (58%)
-  Blue (55%)






-  Red (71%)
-  Yellow (58%)
-  Blue (55%)



-  Cyan (0%)
-  Magenta (18%)
-  Yellow (22%)
-  Black (29%)




-  Cyan (29%)
-  Magenta (42%)
-  Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 156.1830, -7.4852, 20.8875 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 156.1830, -7.4852, 20.8875 by changing the saturation by 10% instead.




 156.1830, -7.4852,  
20.8875

 156.1830, -7.4852,  
20.8875


255.0000, 0.0000,  
0.0000

 129.8840, -7.3378,  
20.2727


 210.7810, -7.7800,  
22.1171


 104.6990, -6.7536,  
19.5580


 235.9760, -6.8902,  
16.6840

 80.6880, -6.7482,  
17.8136

 254.5440, -1.7472,  
0.3999

 57.5030, -6.1640,  
17.0989

 35.7200, -5.2850,  
15.1546

 12.2150, -6.0220,  
18.2284

 0.0000, 0.0000,

0.0000

■ 156.1830, -7.4852,  
20.8875

■ 156.1830, -7.4852,  
20.8875

■ 145.3260,  
-11.0067, 30.4091

■ 167.0400, -3.9637,  
11.3659

■ 134.4690,  
-14.5282, 39.9307

■ 177.8970, -0.4422,  
1.8443

■ 123.0250,  
-17.7603, 49.9671

■ 189.3410, 2.7899,  
-8.1921

■ 112.1680,  
-21.2818, 59.4887

■ 200.1980, 6.3114,  
-17.7136

■ 101.3110,  
-24.8033, 69.0103

■ 211.0550, 9.8329,  
-27.2352

■ 90.4540, -28.3248,  
78.5318

■ 221.9120, 13.3544,  
-36.7568

■ 79.0100, -31.5569,  
88.5682

■ 231.9880, 11.3449,  
-45.5935

■ 70.2560, -34.6362,  
96.2455

■ 232.5750, 11.0555,  
-46.1083

# Harmonies

## Analogous

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



156.9640, -1.9543, 20.2026



156.1830, -7.4852, 20.8875



155.2380, -10.9633, 16.4543

# Triad

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



156.1830, -7.4852, 20.8875



151.1740, -4.0298, -14.1846



154.1480, 12.2520, -9.7768

# Complementary

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



156.1830, -7.4852, 20.8875



164.8170, 7.4852, -20.8875

# 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.



151.9680, 11.8478, -20.1429



156.1830, -7.4852, 20.8875



150.2530, 2.8333, -22.1469

# Square

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



156.1830, -7.4852, 20.8875



152.5730, -9.1565, -3.1335



150.4360, 8.6591, -24.0614



156.1280, 9.3039, 2.5187



# Rectangle

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



156.1830, -7.4852, 20.8875



154.5640, -12.1101, 10.9064



150.4360, 8.6591, -24.0614



153.2400, 12.6997, -13.3655

# Sweetspot

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



156.1830, -7.4852, 20.8875



224.8440, -3.3741, 8.9068



156.4230, 8.6655, 20.6770



111.2780, -1.6161, 5.0182



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



156.1830, -7.4852, 20.8875



197.5220, -11.5963, 32.8682



167.3360, -12.9836, 11.1063



83.8650, -1.9054, 4.5034



59.8350, -29.4987, 81.7057



10.1220, -4.9901, 13.9250



# Inverse Universe

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



164.8170, 7.4852, -20.8875



210.8910, 11.8857, -32.3534



153.6640, 12.9836, -11.1063



85.7220, 1.6161, -5.0182



93.1650, 29.4987, -81.7057



15.8780, 4.9901, -13.9250



# Previews

## White Background



This preview shows how the YUV color 156.1830, -7.4852, 20.8875 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

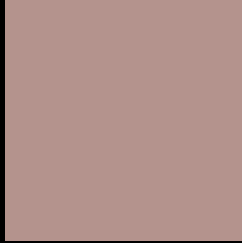
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 156.1830, -7.4852, 20.8875 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

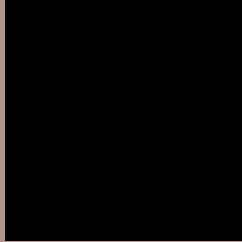
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 156.1830, -7.4852, 20.8875

## Background



This preview shows how black text looks on a background with the YUV color 156.1830, -7.4852, 20.8875.



This preview shows how white text looks on a background with the YUV color 156.1830, -7.4852,



# 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

156.1830, -7.4852, 20.8875

### Protanopia

154.7680, -4.8156, 4.5885

### Deuteranopia

155.8620, -7.3270, 16.7840



## Tritanopia

157.3170, -0.6493, 21.6470

# Trichromacy



## Original Color

156.1830, -7.4852, 20.8875

## Protanomaly

154.9860, -5.4161, 10.5363

## Deuteranomaly

155.8730, -7.3324, 18.5284

## Tritanomaly

157.0350, -2.9753, 21.0173

# Monochromacy



## Original Color

156.1830, -7.4852, 20.8875

## Achromatopsia

156.0000, 0.0000, 0.0000

## Achromatomaly

156.3600, -2.6425, 7.5773

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 156.1830, -7.4852, 20.8875 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(180, 147, 141)` looks like.

```
.text, #text, p{  
    color:rgb(180, 147, 141)  
}
```

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(180, 147, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 147, 141) }
```

## Border

The CSS property to change the border of an element to YUV 156.1830, -7.4852, 20.8875 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(180, 147, 141) }
```



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

```
.border{ border-color:rgb(180, 147, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 147, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 147, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 147, 141);  
box-shadow:4px 4px 4px 4px rgb(180, 147,  
141) }
```

# Background

The CSS property to change the background color of an element to YUV 156.1830, -7.4852, 20.8875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 147, 141) }
```

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

```
.background{ background-color: rgb(180,  
147, 141) }
```

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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