

# Converting Colors

YUV(148.4880, 10.1124,  
23.2510)

Have a look what the booklet for  
YUV(148.4880, 10.1124, 23.2510)  
contains.

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# Color

**YUV(148.4880, 10.1124,  
23.2510)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF83A9
RGB	175, 131, 169
RGB Percent	69%, 51%, 66%
CMY	0.3137, 0.4863, 0.3373
CMYK	0.00, 0.25, 0.03, 0.31
HSL	308°, 22%, 60%
HSV	308°, 25%, 69%
XYZ	32.9569, 28.2111, 41.2444
YIQ	148.4880, 14.0260, 21.1460

# Conversions

## Conversions Part 2

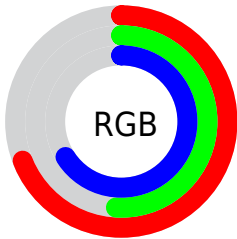
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 131, 169
Decimal	11502505
CIELab	60.08, 23.34, -13.54
CIELCh	60, 26.984, 329.885
Yxy	28.2111, 0.3218, 0.2755
Android (android.graphics.Color)	4289692585 (0xFFAF83A9)
YUV	148.4880, 10.1124, 23.2510
Hunter-Lab	53.1142, 17.8081, -8.8602

# Details

The YUV color **148.4880, 10.1124, 23.2510** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **157.5120, -10.1124, -23.2510**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.6130, 10.5438, 24.8954**, and **97.3630, 9.6810, 21.6066** is the 20% darker color. If you saturate the color by 10%, you get **137.6940, 14.4479, 32.7174**, and if you desaturate by 10%, it is **158.6950, 6.0664, 14.2995**.

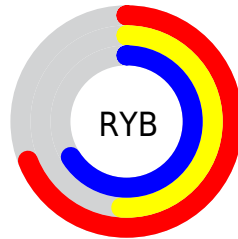
# Distribution



Red (69%)

Green (51%)

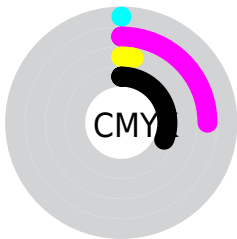
Blue (66%)



Red (69%)

Yellow (51%)

Blue (66%)

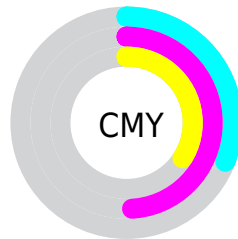


Cyan (0%)

Magenta (25%)

Yellow (3%)

Black (31%)



Cyan (31%)

Magenta (49%)


Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 148.4880, 10.1124, 23.2510 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 148.4880, 10.1124, 23.2510 by changing the saturation by 10% instead.





 148.4880, 10.1124,  
23.2510


 148.4880, 10.1124,  
23.2510


255.0000, 0.0000,  
0.0000


 122.7760, 9.9704,  
22.1214


 202.6130, 10.5438,  
24.8954

 97.3630, 9.6810,  
21.6066


 229.5310, 11.5702,  
22.3363

 72.9500, 9.3917,  
21.0919

 246.7820, 4.0515,  
7.2072

 49.9390, 9.3971,  
19.3475

 27.5260, 9.1077,  
18.8327

 12.2330, 6.7871,  
16.4587

 0.0000, 0.0000,

0.0000

■ 148.4880, 10.1124,  
23.2510

■ 148.4880, 10.1124,  
23.2510

■ 137.6940, 14.4479,  
32.7174

■ 158.6950, 6.0664,  
14.2995

■ 127.3730, 18.0571,  
41.7689

■ 169.6030, 2.1677,  
4.7332

■ 116.5790, 22.3926,  
51.2352

■ 180.3970, -2.1677,  
-4.7332

■ 106.2580, 26.0018,  
60.2867

■ 190.7180, -5.7770,  
-13.7847

■ 95.4640, 30.3372,  
69.7531

■ 201.5120,  
-10.1124, -23.2510

■ 85.2570, 34.3833,  
78.7046

■ 211.7190,  
-14.1585, -32.2026

■ 74.3490, 38.2819,  
88.2709

■ 222.0400,  
-17.7677, -41.2541

■ 69.5390, 40.1603,  
92.4893

■ 223.4420,  
-17.4729, -42.4836

■ 223.6700,  
-16.5993, -42.6836

# Harmonies

## Analogous

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



147.0490, 19.2028, 0.8340



148.4880, 10.1124, 23.2510



148.0030, -0.9875, 36.8314

# Triad

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



148.4880, 10.1124, 23.2510



143.4370, -22.8934, 16.2798



131.6430, 17.9240, -55.8149

# Complementary

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



148.4880, 10.1124, 23.2510



157.5120, -10.1124, -23.2510

# 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.



133.6800, 5.0878, -45.3234



148.4880, 10.1124, 23.2510



140.4560, -18.4658, -3.9079

# Square

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



148.4880, 10.1124, 23.2510



145.2200, -20.3215, 31.3791



137.8430, -8.7966, -25.2953



135.7070, 24.3014, -47.9780



# Rectangle

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



148.4880, 10.1124, 23.2510



147.3640, -8.5605, 39.1458



137.8430, -8.7966, -25.2953



131.9160, 13.8454, -54.3003

# Sweetspot

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



148.4880, 10.1124, 23.2510



216.0920, 3.8986, 9.5663



137.8100, 18.3347, -0.7104



107.7280, 2.5991, 6.3775



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.



148.4880, 10.1124, 23.2510



186.0580, 15.7474, 35.9061



145.9800, 0.5029, 25.4505



81.6030, 2.1677, 4.7332



59.6700, 34.6727, 79.2194



9.1570, 5.3456, 12.1403



# Inverse Universe

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



148.4880, 10.1124, 23.2510



186.0580, 15.7474, 35.9061



160.0200, -0.5029, -25.4505



81.6030, 2.1677, 4.7332



59.6700, 34.6727, 79.2194

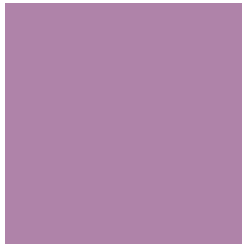


9.1570, 5.3456, 12.1403



# Previews

## White Background



This preview shows how the YUV color 148.4880, 10.1124, 23.2510 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

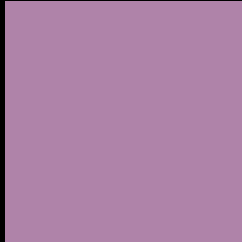
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 148.4880, 10.1124, 23.2510 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

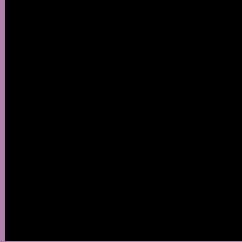
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 148.4880, 10.1124, 23.2510

## Background



This preview shows how black text looks on a background with the YUV color 148.4880, 10.1124, 23.2510.



This preview shows how white text looks on a background with the YUV color 148.4880, 10.1124,



# 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

148.4880, 10.1124, 23.2510

### Protanopia

145.7830, 15.8830, -7.7027

### Deuteranopia

146.3560, 10.1775, 2.3188



## Tritanopia

147.3170, -0.6493, 21.6470

# Trichromacy



## Original Color

148.4880, 10.1124, 23.2510

## Protanomaly

146.6920, 13.9558, 3.7781

## Deuteranomaly

146.8130, 10.4452, 9.8110

## Tritanomaly

147.9410, 2.9871, 21.9767

# Monochromacy



## Original Color

148.4880, 10.1124, 23.2510

## Achromatopsia

148.0000, 0.0000, 0.0000

## Achromatomaly

148.3800, 3.7567, 8.4367

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 148.4880, 10.1124, 23.2510 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, 131, 169)` looks like.

```
.text, #text, p{  
    color:rgb(175, 131, 169)  
}
```

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, 131, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 131, 169) }
```

## Border

The CSS property to change the border of an element to YUV 148.4880, 10.1124, 23.2510 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".

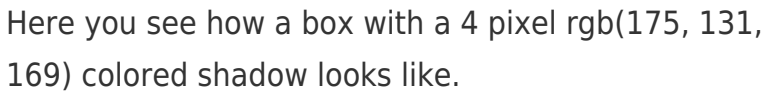
```
.border, #border, table{ border:4px solid rgb(175, 131, 169) }
```



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

```
.border{ border-color:rgb(175, 131, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 131, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 131, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 131, 169); box-shadow:4px 4px 4px 4px rgb(175, 131, 169) }
```

# Background

The CSS property to change the background color of an element to YUV 148.4880, 10.1124, 23.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 131, 169) }
```

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

```
.background{ background-color: rgb(175,  
131, 169) }
```

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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