

# Converting Colors

YUV(174.9880, 8.3869, 16.6735)

Have a look what the booklet for  
YUV(174.9880, 8.3869, 16.6735)  
contains.

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# Color

**YUV(174.9880, 8.3869,  
16.6735)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2A2C0
RGB	194, 162, 192
RGB Percent	76%, 64%, 75%
CMY	0.2392, 0.3647, 0.2471
CMYK	0.00, 0.16, 0.01, 0.24
HSL	304°, 21%, 70%
HSV	304°, 16%, 76%
XYZ	44.6829, 41.1158, 55.4503
YIQ	174.9880, 9.4420, 16.1140

# Conversions

## Conversions Part 2

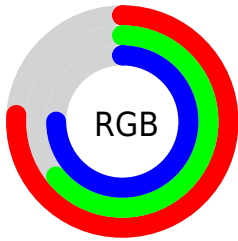
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 162, 192
Decimal	12755648
CIELab	70.26, 16.98, -11.00
CIELCh	70, 20.232, 327.079
Yxy	41.1158, 0.3163, 0.2911
Android (android.graphics.Color)	4290945728 (0xFFC2A2C0)
YUV	174.9880, 8.3869, 16.6735
Hunter-Lab	64.1216, 12.1743, -6.3870

# Details

The YUV color  $174.9880, 8.3869, 16.6735$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $181.0120, -8.3869, -16.6735$ , and the grayscale version is  $175.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $230.7000, 8.5289, 17.8031$ , and  $122.2760, 8.2449, 15.5439$  is the 20% darker color. If you saturate the color by 10%, you get  $163.7210, 13.4485, 26.5547$ , and if you desaturate by 10%, it is  $186.2550, 3.3253, 6.7924$ .

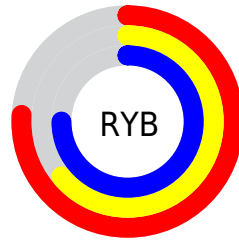
# Distribution



Red (76%)

Green (64%)

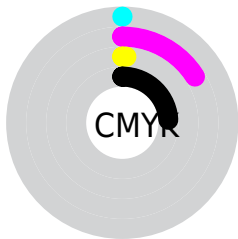
Blue (75%)



Red (76%)

Yellow (64%)

Blue (75%)

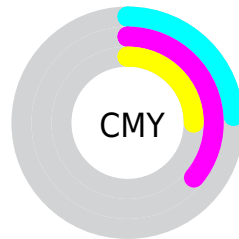


Cyan (0%)

Magenta (16%)

Yellow (1%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 174.9880, 8.3869, 16.6735 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 174.9880, 8.3869, 16.6735 by changing the saturation by 10% instead.



■ 174.9880, 8.3869,  
16.6735

■ 174.9880, 8.3869,  
16.6735

■ 255.0000, 0.0000,  
0.0000

■ 148.5750, 8.0975,  
16.1587

■ 230.7000, 8.5289,  
17.8031

■ 122.2760, 8.2449,  
15.5439

■ 249.1300, 2.8939,  
5.1480

■ 97.4500, 7.6661,  
14.5143

■ 73.4500, 7.6661,  
14.5143

■ 50.6240, 7.0874,  
13.4848

■ 28.9120, 6.9454,  
12.3552

■ 10.0970, 6.3612,

13.0699

■ 0.0000, 0.0000,  
0.0000

■ 174.9880, 8.3869,  
16.6735

■ 174.9880, 8.3869,  
16.6735

■ 163.7210, 13.4485,  
26.5547

■ 186.2550, 3.3253,  
6.7924

■ 151.8670, 18.7996,  
36.9506

■ 198.1090, -2.0257,  
-3.6036

■ 140.4860, 23.4244,  
46.9318

■ 209.4900, -6.6506,  
-13.5847

■ 128.6320, 28.7754,  
57.3277

■ 221.3440,  
-12.0016, -23.9807

■ 117.3650, 33.8371,  
67.2089

■ 230.2630,  
-15.9057, -31.8027

106.0980, 38.8987,  
77.0901

230.3770,  
-15.4689, -31.9026

94.2440, 44.2497,  
87.4860

230.4910,  
-15.0321, -32.0026

82.8630, 48.8745,  
97.4671

230.7190,  
-14.1585, -32.2026

78.7540, 50.9003,  
101.0707

230.8330,  
-13.7217, -32.3025

# Harmonies

## Analogous

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



173.5990, 14.9877, -0.5253



174.9880, 8.3869, 16.6735



175.0620, -0.5236, 28.0096

# Triad

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



174.9880, 8.3869, 16.6735



171.3920, -17.9413, 14.5652



164.4450, 11.6126, -38.1013

# Complementary

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



174.9880, 8.3869, 16.6735



181.0120, -8.3869, -16.6735

# 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.



164.6710, 2.1342, -31.2835



174.9880, 8.3869, 16.6735



169.3900, -14.9823, -1.2190

# Square

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



174.9880, 8.3869, 16.6735



173.1530, -15.3584, 26.1758



166.8270, -7.8027, -17.3883



166.3730, 17.5641, -33.6531



# Rectangle

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



174.9880, 8.3869, 16.6735



174.5910, -6.2074, 31.0537



166.8270, -7.8027, -17.3883



164.0600, 8.8444, -36.8866

# Sweetspot

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



174.9880, 8.3869, 16.6735



244.9560, 3.4727, 6.1776



166.2460, 13.6827, -1.9697



123.1900, 1.8783, 4.2184



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



174.9880, 8.3869, 16.6735



222.3080, 13.1592, 26.0399



173.1640, 1.3981, 18.2732



91.0160, 2.4571, 5.2480



65.3530, 42.2240, 83.8824



13.4010, 8.6763, 17.1883



# Inverse Universe

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



174.9880, 8.3869, 16.6735



222.3080, 13.1592, 26.0399



182.8360, -1.3981, -18.2732



91.0160, 2.4571, 5.2480



65.3530, 42.2240, 83.8824



13.4010, 8.6763, 17.1883



# Previews

## White Background



This preview shows how the YUV color 174.9880, 8.3869, 16.6735 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

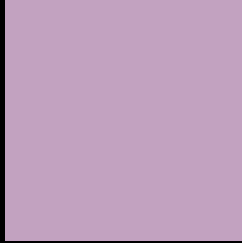
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 174.9880, 8.3869, 16.6735 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

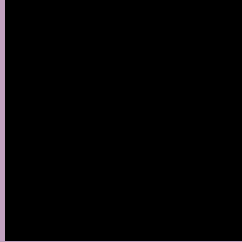
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 174.9880, 8.3869, 16.6735

## Background



This preview shows how black text looks on a background with the YUV color 174.9880, 8.3869, 16.6735.



This preview shows how white text looks on a background with the YUV color 174.9880, 8.3869,



# 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

174.9880, 8.3869, 16.6735

### Protanopia

172.8820, 12.3832, -5.1585

### Deuteranopia

173.6230, 8.5669, 5.5926



## Tritanopia

174.4410, 1.2616, 15.3992

# Trichromacy



## Original Color

174.9880, 8.3869, 16.6735

## Protanomaly

173.8830, 10.9037, 2.7336

## Deuteranomaly

173.9440, 8.4086, 9.6961

## Tritanomaly

174.7230, 3.5876, 16.0289

# Monochromacy



## Original Color

174.9880, 8.3869, 16.6735

## Achromatopsia

175.0000, 0.0000, 0.0000

## Achromatomaly

174.8420, 3.0359, 6.2776

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 174.9880, 8.3869, 16.6735 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(194, 162, 192)` looks like.

```
.text, #text, p{  
    color:rgb(194, 162, 192)  
}
```

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(194, 162, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 162, 192) }
```

## Border

The CSS property to change the border of an element to YUV 174.9880, 8.3869, 16.6735 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(194, 162, 192) }
```



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

```
.border{ border-color:rgb(194, 162, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 162, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 162, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 162, 192);  
box-shadow:4px 4px 4px 4px rgb(194, 162,  
192) }
```

# Background

The CSS property to change the background color of an element to YUV 174.9880, 8.3869, 16.6735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 162, 192) }
```

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

```
.background{ background-color: rgb(194,  
162, 192) }
```

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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