

# Converting Colors

YUV(170.9430, 9.8881, 1.8040)

Have a look what the booklet for  
YUV(170.9430, 9.8881, 1.8040)  
contains.

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# Color

**YUV(170.9430, 9.8881,  
1.8040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADA6BF
RGB	173, 166, 191
RGB Percent	68%, 65%, 75%
CMY	0.3216, 0.3490, 0.2510
CMYK	0.09, 0.13, 0.00, 0.25
HSL	257°, 16%, 70%
HSV	257°, 13%, 75%
XYZ	40.2738, 39.9183, 54.8726
YIQ	170.9430, -3.8530, 9.2590

# Conversions

## Conversions Part 2

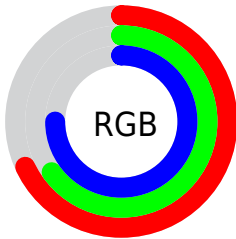
Format	Color
R <sub>Y</sub> B	173, 166, 191
Decimal	11380415
CIE Lab	69.41, 7.40, -11.90
CIE LCh	69, 14.008, 301.865
Yxy	39.9183, 0.2982, 0.2955
Android (android.graphics.Color)	4289570495 (0xFFADA6BF)
YUV	170.9430, 9.8881, 1.8040
Hunter-Lab	63.1809, 3.2157, -7.2667

# Details

The YUV color **170.9430, 9.8881, 1.8040** is a light color, and the websafe version is hex **999999**. A complement of this color would be **186.0570, -9.8881, -1.8040**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.3560, 10.1775, 2.3188**, and **118.8290, 9.4513, 1.9040** is the 20% darker color. If you saturate the color by 10%, you get **155.6040, 17.4502, 2.9783**, and if you desaturate by 10%, it is **186.2820, 2.3260, 0.6297**.

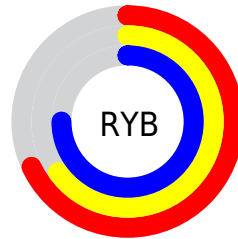
# Distribution



Red (68%)

Green (65%)

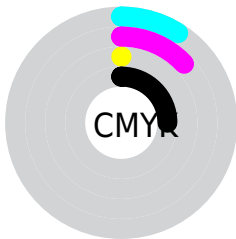
Blue (75%)



Red (68%)

Yellow (65%)

Blue (75%)

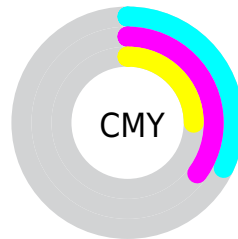


Cyan (9%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (32%)

Magenta (35%)

Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 170.9430, 9.8881, 1.8040 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 170.9430, 9.8881, 1.8040 by changing the saturation by 10% instead.





 170.9430, 9.8881,  
1.8040


 170.9430, 9.8881,  
1.8040


255.0000, 0.0000,  
0.0000


 144.5300, 9.5987,  
1.2892

 226.3560, 10.1775,  
2.3188


 118.8290, 9.4513,  
1.9040


 252.0650, 1.4470,  
2.5740

 94.3020, 8.7251,  
1.4891

 70.3020, 8.7251,  
1.4891

 47.7750, 7.9989,  
1.0743

 27.2480, 7.2727,  
0.6595

 2.5080, 9.6096,

-2.1995

■ 0.0000, 0.0000,  
0.0000

■ 170.9430, 9.8881,  
1.8040

■ 170.9430, 9.8881,  
1.8040

■ 155.6040, 17.4502,  
2.9783

■ 186.2820, 2.3260,  
0.6297

■ 140.2650, 25.0124,  
4.1526

■ 201.6210, -5.2362,  
-0.5446

■ 125.2250, 32.4271,  
5.9417

■ 216.6610,  
-12.6509, -2.3337

■ 109.8860, 39.9892,  
7.1160

■ 232.0000,  
-20.2130, -3.5080

■ 94.5470, 47.5513,  
8.2903

■ 243.8170,  
-26.0388, -1.5935

■ 78.6210, 55.4028,  
9.9794

■ 247.7040,  
-27.9551, 6.3986

■ 63.5810, 62.8176,  
11.7685

■ 48.2420, 70.3797,  
12.9428

■ 37.6210, 75.6158,  
13.4874

# Harmonies

## Analogous

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



168.9630, 12.8362, -10.4916



170.9430, 9.8881, 1.8040



171.7550, 5.0508, 13.3699

# Triad

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



170.9430, 9.8881, 1.8040



170.5370, -11.1107, 17.0691



165.1390, 2.3965, -22.0469

# Complementary

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



170.9430, 9.8881, 1.8040



186.0570, -9.8881, -1.8040

# 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.



166.3590, -4.6140, -13.4698



170.9430, 9.8881, 1.8040



169.1400, -12.3940, 8.6472

# Square

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



170.9430, 9.8881, 1.8040



171.5960, -7.1958, 21.4023



167.7580, -9.7407, -2.4188



165.0230, 8.3697, -24.5762



# Rectangle

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



170.9430, 9.8881, 1.8040



171.9360, 0.5246, 18.4731



167.7580, -9.7407, -2.4188



165.4660, -0.2297, -19.7027

# Sweetspot

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



170.9430, 9.8881, 1.8040



239.0370, 3.9258, 0.8446



179.4160, 5.7109, -11.7658



119.9830, 2.4734, 0.0149



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



170.9430, 9.8881, 1.8040



215.7350, 15.4136, 2.8634



174.5310, 8.1192, 9.1813



86.9230, 3.4890, 0.9445



31.1680, 62.5282, 11.2537



6.2250, 12.2141, 2.4337



# Inverse Universe

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



175.5270, 4.1772, 13.5698



222.8530, 6.4815, 21.1769



182.4690, -8.1192, -9.1813



88.4890, 1.7309, 4.8331



60.2380, 26.5047, 85.7373



11.7770, 5.0399, 16.8586



# Previews

## White Background



This preview shows how the YUV color 170.9430, 9.8881, 1.8040 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

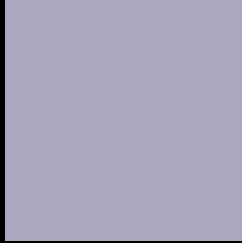
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 170.9430, 9.8881, 1.8040 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

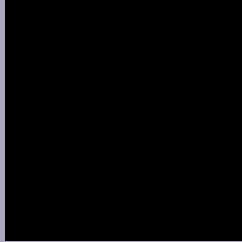
Any Text WCAG AA ✓ Pass

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 170.9430, 9.8881, 1.8040 Background



This preview shows how black text looks on a background with the YUV color 170.9430, 9.8881, 1.8040.



This preview shows how white text looks on a background with the YUV color 170.9430, 9.8881,



# 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

170.9430, 9.8881, 1.8040

### Protanopia

170.1380, 10.7780, -3.6290

### Deuteranopia

171.2530, 9.7353, 4.1631



## Tritanopia

170.3790, 5.2362, 0.5446

# Trichromacy



## Original Color

170.9430, 9.8881, 1.8040

## Protanomaly

170.4480, 10.6251, -1.2699

## Deuteranomaly

170.9540, 9.8827, 3.5483

## Tritanomaly

170.5470, 7.1253, 1.2743

# Monochromacy



## Original Color

170.9430, 9.8881, 1.8040

## Achromatopsia

171.0000, 0.0000, 0.0000

## Achromatomaly

170.9230, 3.4890, 0.9445

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 170.9430, 9.8881, 1.8040 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(173, 166, 191)` looks like.

```
.text, #text, p{  
    color:rgb(173, 166, 191)  
}
```

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(173, 166, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 166, 191) }
```

## Border

The CSS property to change the border of an element to YUV 170.9430, 9.8881, 1.8040 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(173, 166, 191) }
```



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

```
.border{ border-color:rgb(173, 166, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 166, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 166, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 166, 191);  
box-shadow:4px 4px 4px 4px rgb(173, 166,  
191) }
```

# Background

The CSS property to change the background color of an element to YUV 170.9430, 9.8881, 1.8040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 166, 191) }
```

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

```
.background{ background-color: rgb(173,  
166, 191) }
```

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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