

# Converting Colors

YUV(103.4380, 16.0531,  
31.1879)

Have a look what the booklet for  
YUV(103.4380, 16.0531, 31.1879)  
contains.

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# Color

**YUV(103.4380, 16.0531,  
31.1879)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B4F88
RGB	139, 79, 136
RGB Percent	55%, 31%, 53%
CMY	0.4549, 0.6902, 0.4667
CMYK	0.00, 0.43, 0.02, 0.45
HSL	303°, 28%, 43%
HSV	303°, 43%, 55%
XYZ	17.8874, 12.8585, 24.8317
YIQ	103.4380, 17.4630, 30.4470

# Conversions

## Conversions Part 2

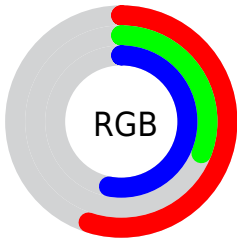
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 79, 136
Decimal	9129864
CIE Lab	42.55, 34.16, -21.25
CIE LCh	43, 40.232, 328.124
Yxy	12.8585, 0.3218, 0.2314
Android (android.graphics.Color)	4287319944 (0xFF8B4F88)
YUV	103.4380, 16.0531, 31.1879
Hunter-Lab	35.8588, 26.2881, -15.9564

# Details

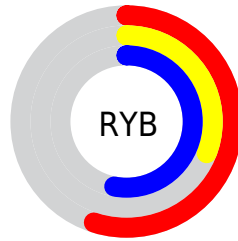
The YUV color **103.4380, 16.0531, 31.1879** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **114.5620, -16.0531, -31.1879**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8620, 16.3370, 33.4470**, and **54.0140, 15.7691, 28.9287** is the 20% darker color. If you saturate the color by 10%, you get **95.1060, 19.6677, 38.4950**, and if you desaturate by 10%, it is **111.7700, 12.4384, 23.8807**.

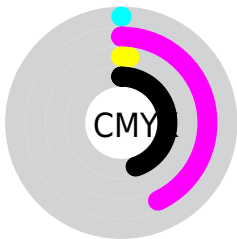
# Distribution



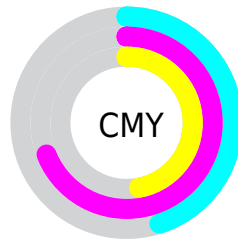
- Red (55%)
- Green (31%)
- Blue (53%)



- Red (55%)
- Yellow (31%)
- Blue (53%)



- Cyan (0%)
- Magenta (43%)
- Yellow (2%)
- Black (45%)



- Cyan (45%)
- Magenta (69%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 103.4380, 16.0531, 31.1879 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 103.4380, 16.0531, 31.1879 by changing the saturation by 10% instead.



103.4380, 16.0531,  
31.1879

103.4380, 16.0531,  
31.1879

255.0000, 0.0000,  
0.0000

78.7260, 15.9111,  
30.0583

155.8620, 16.3370,  
33.4470

54.0140, 15.7691,  
28.9287

182.6880, 16.9158,  
34.4766

28.3670, 17.0741,  
30.3731

211.1010, 17.2052,  
34.9914

16.9330, 11.8650,  
21.1068

229.7590, 12.4438,  
22.1364

2.0520, 7.8624,  
-1.7996

246.1950, 4.3409,  
7.7220

0.0000, 0.0000,  
0.0000

■ 103.4380, 16.0531,  
31.1879

■ 103.4380, 16.0531,  
31.1879

■ 95.1060, 19.6677,  
38.4950

■ 111.7700, 12.4384,  
23.8807

■ 86.8880, 23.7192,  
45.7022

■ 119.9880, 8.3869,  
16.6735

■ 78.5560, 27.3339,  
53.0094

■ 128.3200, 4.7722,  
9.3664

■ 70.2240, 30.9486,  
60.3166

■ 136.6520, 1.1576,  
2.0592

■ 62.5930, 34.7107,  
67.0089

■ 144.2830, -2.6045,  
-4.6332


■ 56.6090, 37.1678,  
72.2569

■ 152.6150, -6.2192,  
-11.9404

■ 160.9470, -9.8339,  
-19.2475

■ 169.2790,

-13.4485, -26.5547

 177.4970,  
-17.5000, -33.7619

# Harmonies

## Analogous

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



102.0190, 28.0916, -3.5247



103.4380, 16.0531, 31.1879



101.0740, 1.4425, 50.8011

# Triad

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



103.4380, 16.0531, 31.1879



96.8260, -32.9452, 20.3236



83.0260, 23.6512, -72.8138

# Complementary

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



103.4380, 16.0531, 31.1879



114.5620, -16.0531, -31.1879

# 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.



79.7370, 8.5107, -69.9293



103.4380, 16.0531, 31.1879



94.0400, -27.6277, -5.2971

# Square

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



103.4380, 16.0531, 31.1879



99.1520, -27.1899, 41.0857



87.0710, -11.3740, -38.6503



84.1150, 35.4393, -73.7689



# Rectangle

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



103.4380, 16.0531, 31.1879



100.0500, -8.8986, 54.3302



87.0710, -11.3740, -38.6503



82.3590, 18.5570, -72.2288

# Sweetspot

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



103.4380, 16.0531, 31.1879



167.3850, 6.2192, 11.9404



86.7370, 25.7657, -4.1543



83.0810, 3.9041, 7.8220



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



103.4380, 16.0531, 31.1879



125.2520, 25.0188, 48.8910



100.0180, 2.9491, 34.1872



64.8910, 2.0257, 3.6036



54.1310, 35.4314, 69.1681



2.0650, 1.4470, 2.5740



# Inverse Universe

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



103.4380, 16.0531, 31.1879



125.2520, 25.0188, 48.8910



117.9820, -2.9491, -34.1872



64.8910, 2.0257, 3.6036



54.1310, 35.4314, 69.1681



2.0650, 1.4470, 2.5740



# Previews

## White Background



This preview shows how the YUV color 103.4380, 16.0531, 31.1879 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

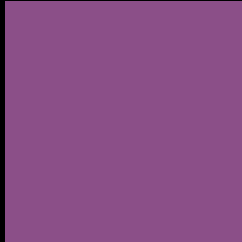
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 103.4380, 16.0531, 31.1879 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

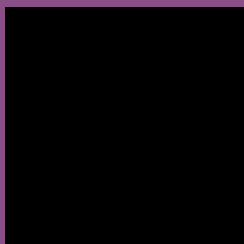
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 103.4380, 16.0531, 31.1879

## Background



This preview shows how black text looks on a background with the YUV color 103.4380, 16.0531, 31.1879.



This preview shows how white text looks on a background with the YUV color 103.4380, 16.0531,



# 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

103.4380, 16.0531, 31.1879

### Protanopia

100.2580, 25.5088, -15.1353

### Deuteranopia

101.2670, 15.1514, -6.3732



## Tritanopia

102.5520, -3.7231, 27.5799

# Trichromacy



## Original Color

103.4380, 16.0531, 31.1879

## Protanomaly

101.4450, 21.9656, 1.3637

## Deuteranomaly

102.0560, 15.2554, 6.9669

## Tritanomaly

103.0990, 3.4022, 28.8542

# Monochromacy



## Original Color

103.4380, 16.0531, 31.1879

## Achromatopsia

103.0000, 0.0000, 0.0000

## Achromatomaly

102.9720, 5.9298, 11.4256

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 103.4380, 16.0531, 31.1879 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(139, 79, 136)` looks like.

```
.text, #text, p{  
    color:rgb(139, 79, 136)  
}
```

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(139, 79, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 79, 136) }
```

## Border

The CSS property to change the border of an element to YUV 103.4380, 16.0531, 31.1879 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(139, 79, 136) }
```



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

```
.border{ border-color:rgb(139, 79, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 79, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 79, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 79, 136); box-shadow:4px 4px 4px 4px rgb(139, 79, 136) }
```

# Background

The CSS property to change the background color of an element to YUV 103.4380, 16.0531, 31.1879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 79, 136) }
```

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

```
.background{ background-color: rgb(139, 79,  
136) }
```

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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