

# Converting Colors

YUV(99.1300, 9.7959, 31.4580)

Have a look what the booklet for  
YUV(99.1300, 9.7959, 31.4580)  
contains.

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# Color

**YUV(99.1300, 9.7959,  
31.4580)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	874D77
RGB	135, 77, 119
RGB Percent	53%, 30%, 47%
CMY	0.4706, 0.6980, 0.5333
CMYK	0.00, 0.43, 0.12, 0.47
HSL	317°, 27%, 42%
HSV	317°, 43%, 53%
XYZ	15.9753, 11.7906, 18.8866
YIQ	99.1300, 21.0860, 25.3580

# Conversions

## Conversions Part 2

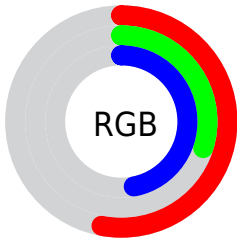
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 77, 119
Decimal	8867191
CIE <sub>Lab</sub>	40.88, 30.76, -13.47
CIE <sub>LCh</sub>	41, 33.577, 336.352
Yxy	11.7906, 0.3424, 0.2527
Android (android.graphics.Color)	4287057271 (0xFF874D77)
YUV	99.1300, 9.7959, 31.4580
Hunter-Lab	34.3374, 22.9559, -8.5751

# Details

The YUV color **99.1300, 9.7959, 31.4580** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **112.8700, -9.7959, -31.4580**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5540, 10.0799, 33.7171**, and **50.2330, 10.2381, 29.6137** is the 20% darker color. If you saturate the color by 10%, you get **90.4560, 12.1002, 39.0651**, and if you desaturate by 10%, it is **107.2170, 7.7810, 24.3657**.

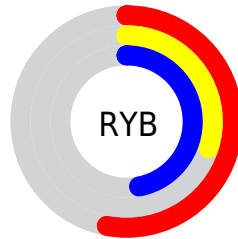
# Distribution



Red (53%)

Green (30%)

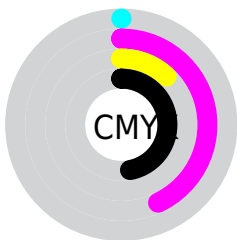
Blue (47%)



Red (53%)

Yellow (30%)

Blue (47%)

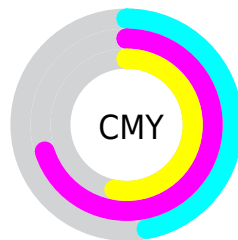


Cyan (0%)

Magenta (43%)

Yellow (12%)

Black (47%)



Cyan (47%)

Magenta (70%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 99.1300, 9.7959, 31.4580 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 99.1300, 9.7959, 31.4580 by changing the saturation by 10% instead.



■ 99.1300, 9.7959,  
31.4580

■ 99.1300, 9.7959,  
31.4580

■ 255.0000, 0.0000,  
0.0000

■ 74.4180, 9.6539,  
30.3284

■ 150.5540, 10.0799,  
33.7171

■ 50.2330, 10.2381,  
29.6137

■ 178.2660, 10.2219,  
34.8467

■ 25.4610, 11.1117,  
29.4137

■ 205.9780, 10.3638,  
35.9763

■ 14.8530, 6.4815,  
21.1769

■ 227.9980, 13.3120,  
23.6808

■ 0.0000, 0.0000,  
0.0000

■ 244.4340, 5.2090,  
9.2664

99.1300, 9.7959,  
31.4580

99.1300, 9.7959,  
31.4580

90.4560, 12.1002,  
39.0651

107.2170, 7.7810,  
24.3657

82.4830, 14.5519,  
46.0574

115.7770, 5.0399,  
16.8586

74.3960, 16.5668,  
53.1497

124.4510, 2.7357,  
9.2515

65.7220, 18.8711,  
60.7568

132.5380, 0.7208,  
2.1592

57.6350, 20.8859,  
67.8491

141.2120, -1.5835,  
-5.4479


51.5370, 22.9063,  
73.1971

149.1850, -4.0352,  
-12.4402

157.8590, -6.3395,  
-20.0473

165.9460, -8.3544,

-27.1396

 174.6200,  
-10.6587, -34.7467

# Harmonies

## Analogous

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



98.8370, 20.7864, 6.2820



99.1300, 9.7959, 31.4580



97.5910, -2.7564, 44.2087

# Triad

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



99.1300, 9.7959, 31.4580



93.4920, -26.3716, 11.8465



78.5750, 24.3665, -68.9103

# Complementary

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



99.1300, 9.7959, 31.4580



112.8700, -9.7959, -31.4580

# 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.



76.1980, 12.7204, -66.8256



99.1300, 9.7959, 31.4580



90.0700, -19.7545, -10.5854

# Square

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



99.1300, 9.7959, 31.4580



95.1830, -24.2472, 30.5345



83.9660, -5.4062, -39.4352



78.2790, 33.3865, -68.6507



# Rectangle

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



99.1300, 9.7959, 31.4580



96.3000, -11.4869, 44.4639



83.9660, -5.4062, -39.4352



78.2500, 20.5828, -68.6252

# Sweetspot

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



99.1300, 9.7959, 31.4580



161.8150, 4.0352, 12.4402



88.0970, 23.1232, 3.4229



80.3260, 2.3043, 7.6071



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



99.1300, 9.7959, 31.4580



119.1460, 15.7040, 49.8610



95.9380, -2.4344, 34.2574



62.2500, 0.8628, 3.2888



49.5860, 21.8961, 70.5231



1.1250, 0.4314, 1.6444



# Inverse Universe

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



99.1300, 9.7959, 31.4580



119.1460, 15.7040, 49.8610



116.0620, 2.4344, -34.2574



62.2500, 0.8628, 3.2888



49.5860, 21.8961, 70.5231

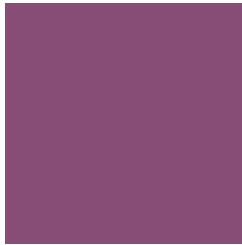


1.1250, 0.4314, 1.6444



# Previews

## White Background



This preview shows how the YUV color 99.1300, 9.7959, 31.4580 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

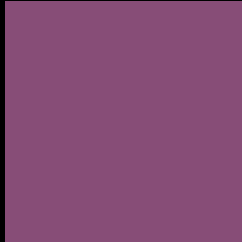
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 99.1300, 9.7959, 31.4580 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

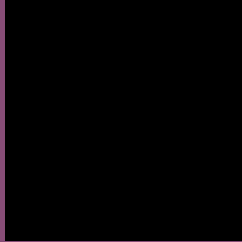
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 99.1300, 9.7959, 31.4580

## Background



This preview shows how black text looks on a background with the YUV color 99.1300, 9.7959, 31.4580.



This preview shows how white text looks on a background with the YUV color 99.1300, 9.7959,



# 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

99.1300, 9.7959, 31.4580

### Protanopia

97.1140, 17.1988, -9.7470

### Deuteranopia

97.9920, 8.8779, -0.8700



## Tritanopia

98.3350, -4.6022, 29.5242

# Trichromacy



## Original Color

99.1300, 9.7959, 31.4580

## Protanomaly

97.8170, 14.3872, 5.4225

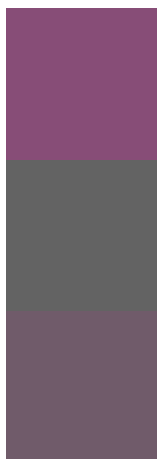
## Deuteranomaly

98.1830, 9.2768, 11.2405

## Tritanomaly

98.7140, 0.6340, 30.0688

# Monochromacy



## Original Color

99.1300, 9.7959, 31.4580

## Achromatopsia

99.0000, 0.0000, 0.0000

## Achromatomaly

98.9890, 3.4564, 11.4106

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 99.1300, 9.7959, 31.4580 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(135, 77, 119)` looks like.

```
.text, #text, p{  
    color:rgb(135, 77, 119)  
}
```

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(135, 77, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 77, 119) }
```

## Border

The CSS property to change the border of an element to YUV 99.1300, 9.7959, 31.4580 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(135, 77, 119) }
```



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

```
.border{ border-color:rgb(135, 77, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 77, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 77, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 77, 119);  
box-shadow:4px 4px 4px 4px rgb(135, 77,  
119) }
```

# Background

The CSS property to change the background color of an element to YUV 99.1300, 9.7959, 31.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 77, 119) }
```

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

```
.background{ background-color: rgb(135, 77,  
119) }
```

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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