

# Converting Colors

YUV(98.4670, 25.4058, 18.0074)

Have a look what the booklet for  
YUV(98.4670, 25.4058, 18.0074)  
contains.

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# Color

**YUV(98.4670, 25.4058,  
18.0074)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	774E96
RGB	119, 78, 150
RGB Percent	47%, 31%, 59%
CMY	0.5333, 0.6941, 0.4118
CMYK	0.21, 0.48, 0.00, 0.41
HSL	274°, 32%, 45%
HSV	274°, 48%, 59%
XYZ	15.8372, 11.5727, 30.2532
YIQ	98.4670, 1.3240, 31.0840

# Conversions

## Conversions Part 2

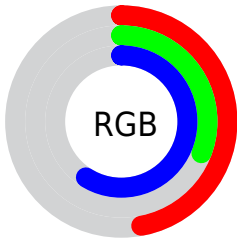
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 78, 150
Decimal	7818902
CIE <sub>Lab</sub>	40.53, 31.48, -33.04
CIE <sub>LCh</sub>	41, 45.638, 313.611
Yxy	11.5727, 0.2746, 0.2007
Android (android.graphics.Color)	4286008982 (0xFF774E96)
<b>YUV</b>	98.4670, 25.4058, 18.0074
Hunter-Lab	34.0187, 23.5666, -28.9142

# Details

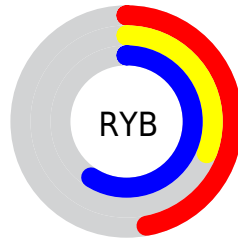
The YUV color  $98.4670, 25.4058, 18.0074$  is a dark color, and the websafe version is hex  $663366$ . A complement of this color would be  $129.5330, -25.4058, -18.0074$ , and the grayscale version is  $98.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $150.2330, 27.0001, 19.9667$ , and  $49.8150, 24.2482, 15.9482$  is the 20% darker color. If you saturate the color by 10%, you get  $87.8680, 30.6311, 22.0408$ , and if you desaturate by 10%, it is  $109.0660, 20.1805, 13.9741$ .

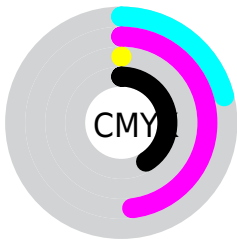
# Distribution



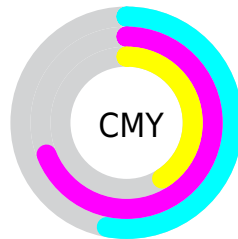
- Red (47%)
- Green (31%)
- Blue (59%)



- Red (47%)
- Yellow (31%)
- Blue (59%)



- Cyan (21%)
- Magenta (48%)
- Yellow (0%)
- Black (41%)



- Cyan (53%)
- Magenta (69%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 98.4670, 25.4058, 18.0074 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 98.4670, 25.4058, 18.0074 by changing the saturation by 10% instead.



■ 98.4670, 25.4058,  
18.0074

■ 98.4670, 25.4058,  
18.0074

■ 255.0000, 0.0000,  
0.0000

■ 73.6410, 24.8270,  
16.9778

■ 150.2330, 27.0001,  
19.9667

■ 49.8150, 24.2482,  
15.9482

■ 177.0590, 27.5789,  
20.9963

■ 26.2880, 23.5220,  
15.5334

■ 204.3750, 24.9581,  
21.5961

■ 13.4030, 19.0283,  
10.1706

■ 227.9980, 13.3120,  
23.6808

■ 4.4800, 12.0884,  
-3.9290

■ 245.0210, 4.9196,  
8.7516

■ 0.0000, 0.0000,  
0.0000

98.4670, 25.4058,  
18.0074

98.4670, 25.4058,  
18.0074

87.8680, 30.6311,  
22.0408

109.0660, 20.1805,  
13.9741

76.9700, 36.0038,  
25.4593

119.9640, 14.8077,  
10.5556

66.3710, 41.2291,  
29.4926

130.5630, 9.5824,  
6.5222

55.4730, 46.6018,  
32.9112

141.4610, 4.2097,  
3.1037

44.8740, 51.8271,  
36.9445

152.0600, -1.0156,  
-0.9296


42.5150, 52.9901,  
37.2593

162.9580, -6.3883,  
-4.3482

173.5570,  
-11.6136, -8.3815

184.4550,

-16.9863, -11.8000

 195.0540,  
-22.2116, -15.8334

# Harmonies

## Analogous

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



89.8780, 38.5141, -33.2190



98.4670, 25.4058, 18.0074



95.8810, 10.9047, 49.2164

# Triad

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



98.4670, 25.4058, 18.0074



91.5890, -36.7724, 34.5634



79.0990, 16.2202, -69.3698

# Complementary

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



98.4670, 25.4058, 18.0074



129.5330, -25.4058, -18.0074

# 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.



74.0660, -0.5255, -64.9559



98.4670, 25.4058, 18.0074



88.6690, -38.2908, 8.1833

# Square

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



98.4670, 25.4058, 18.0074



92.8530, -23.5915, 53.6259



83.7710, -23.0581, -24.3552



81.8010, 31.6501, -71.7395



# Rectangle

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



98.4670, 25.4058, 18.0074



93.6730, -0.3318, 59.9228



83.7710, -23.0581, -24.3552



77.6170, 10.5418, -68.0701

# Sweetspot

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



98.4670, 25.4058, 18.0074



174.5630, 9.5824, 6.5222



104.4050, 22.4783, -23.1572



84.9280, 5.9515, 4.4481



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



98.4670, 25.4058, 18.0074



113.0180, 39.9241, 28.0482



107.1660, 18.6522, 37.5654



68.9940, 2.4680, 1.7593



39.0540, 48.7804, 34.1556



2.9340, 3.4835, 2.6889



# Inverse Universe

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



103.0620, 2.9274, 41.1646



120.3730, 4.7461, 64.5709



120.8340, -18.6522, -37.5654



69.4350, 0.2785, 4.0035



47.9880, 5.4289, 78.9405

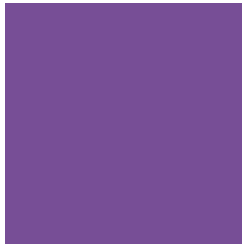


3.4460, 0.2731, 5.7479



# Previews

## White Background



This preview shows how the YUV color 98.4670, 25.4058, 18.0074 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 98.4670, 25.4058, 18.0074 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

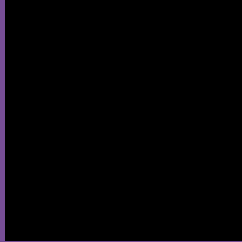
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 98.4670, 25.4058, 18.0074

## Background



This preview shows how black text looks on a background with the YUV color 98.4670, 25.4058, 18.0074.



This preview shows how white text looks on a background with the YUV color 98.4670, 25.4058,



# 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

98.4670, 25.4058, 18.0074

### Protanopia

93.3090, 34.8507, -24.8270

### Deuteranopia

94.2250, 25.5251, -20.3683



## Tritanopia

96.7780, 0.1094, 11.5957

# Trichromacy



## Original Color

98.4670, 25.4058, 18.0074

## Protanomaly

95.1970, 31.4549, -8.9428

## Deuteranomaly

95.3130, 25.4817, -6.4135

## Tritanomaly

97.4930, 9.1240, 13.5996

# Monochromacy



## Original Color

98.4670, 25.4058, 18.0074

## Achromatopsia

98.0000, 0.0000, 0.0000

## Achromatomaly

98.4490, 9.1456, 6.6222

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.4670, 25.4058, 18.0074 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(119, 78, 150)` looks like.

```
.text, #text, p{  
    color:rgb(119, 78, 150)  
}
```

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(119, 78, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 78, 150) }
```

## Border

The CSS property to change the border of an element to YUV 98.4670, 25.4058, 18.0074 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(119, 78, 150) }
```



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

```
.border{ border-color:rgb(119, 78, 150) }
```

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

Here you see how a box with a 4 pixel rgb(119, 78, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 78, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 78, 150);  
box-shadow:4px 4px 4px 4px rgb(119, 78,  
150) }
```

# Background

The CSS property to change the background color of an element to YUV 98.4670, 25.4058, 18.0074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 78, 150) }
```

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

```
.background{ background-color: rgb(119, 78,  
150) }
```

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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