

# Converting Colors

YUV(98.0680, 13.7705, 16.6034)

Have a look what the booklet for  
YUV(98.0680, 13.7705, 16.6034)  
contains.

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# Color

**YUV(98.0680, 13.7705,  
16.6034)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75537E
RGB	117, 83, 126
RGB Percent	46%, 33%, 49%
CMY	0.5412, 0.6745, 0.5059
CMYK	0.07, 0.34, 0.00, 0.51
HSL	287°, 21%, 41%
HSV	287°, 34%, 49%
XYZ	14.1953, 11.4748, 21.2053
YIQ	98.0680, 6.4610, 20.5810

# Conversions

## Conversions Part 2

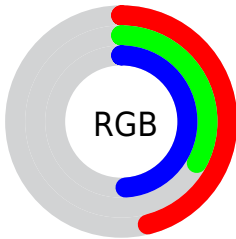
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 83, 126
Decimal	7689086
CIE <sub>Lab</sub>	40.37, 22.31, -18.74
CIE <sub>LCh</sub>	40, 29.138, 319.970
Yxy	11.4748, 0.3028, 0.2448
Android (android.graphics.Color)	4285879166 (0xFF75537E)
<b>YUV</b>	98.0680, 13.7705, 16.6034
Hunter-Lab	33.8744, 15.5211, -13.4033

# Details

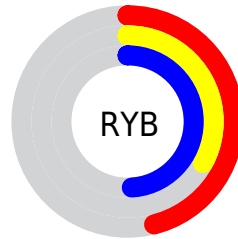
The YUV color **98.0680, 13.7705, 16.6034** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **110.9320, -13.7705, -16.6034**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.3070, 14.6386, 18.1478**, and **50.8290, 12.9023, 15.0590** is the 20% darker color. If you saturate the color by 10%, you get **89.5400, 17.9748, 21.4514**, and if you desaturate by 10%, it is **106.5960, 9.5662, 11.7553**.

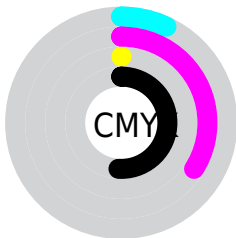
# Distribution



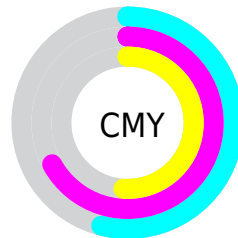
- Red (46%)
- Green (33%)
- Blue (49%)



- Red (46%)
- Yellow (33%)
- Blue (49%)



- Cyan (7%)
- Magenta (34%)
- Yellow (0%)
- Black (51%)



- Cyan (54%)
- Magenta (67%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 98.0680, 13.7705, 16.6034 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 98.0680, 13.7705, 16.6034 by changing the saturation by 10% instead.



■ 98.0680, 13.7705,  
16.6034

■ 98.0680, 13.7705,  
16.6034

■ 255.0000, 0.0000,  
0.0000

■ 73.6550, 13.4811,  
16.0886

■ 149.3070, 14.6386,  
18.1478

■ 50.8290, 12.9023,  
15.0590

■ 175.7200, 14.9280,  
18.6626

■ 29.0030, 12.3235,  
14.0294

■ 203.2470, 15.6542,  
19.0774

■ 11.8350, 10.4343,  
13.2997

■ 230.6340, 12.0124,  
20.4920

■ 0.5700, 2.1840,  
-0.4999

■ 247.9560, 3.4727,  
6.1776

■ 0.0000, 0.0000,  
0.0000

■ 98.0680, 13.7705,  
16.6034

■ 98.0680, 13.7705,  
16.6034

■ 89.5400, 17.9748,  
21.4514

■ 106.5960, 9.5662,  
11.7553

■ 81.8980, 21.7423,  
26.3995

■ 114.2380, 5.7987,  
6.8073

■ 73.3700, 25.9466,  
31.2475

■ 122.7660, 1.5944,  
1.9592

■ 65.4290, 29.8615,  
35.5808

■ 130.7070, -2.3206,  
-2.3740

■ 57.2000, 33.9184,  
41.0436

■ 138.9360, -6.3774,  
-7.8369

■ 48.6720, 38.1227,  
45.8917


■ 147.4640,  
-10.5818, -12.6849

■ 44.2640, 40.2958,  
48.8805

■ 155.1060,  
-14.3493, -17.6330

■ 163.6340,

-18.5536, -22.4810

 171.5750,  
-22.4685, -26.8143

# Harmonies

## Analogous

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



95.3790, 21.9982, -9.1024



98.0680, 13.7705, 16.6034



97.7190, 3.0965, 33.5724

# Triad

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



98.0680, 13.7705, 16.6034



93.8720, -22.6149, 20.2833



75.4630, 17.5197, -66.1811

# Complementary

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



98.0680, 13.7705, 16.6034



110.9320, -13.7705, -16.6034

# 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.



81.5830, 2.1776, -45.2383



98.0680, 13.7705, 16.6034



91.8050, -21.1029, 1.9250

# Square

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



98.0680, 13.7705, 16.6034



95.6270, -17.5641, 33.6531



88.3770, -12.0179, -18.7476



76.5690, 26.8345, -67.1510



# Rectangle

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



98.0680, 13.7705, 16.6034



96.8030, -4.3399, 38.7608



88.3770, -12.0179, -18.7476



75.1380, 13.7360, -65.8960

# Sweetspot

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



98.0680, 13.7705, 16.6034



152.7110, 5.0725, 6.3925



93.1850, 16.1778, -8.9322



75.5320, 3.1887, 3.9184



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



98.0680, 13.7705, 16.6034



119.4850, 21.4529, 25.8847



99.3910, 7.2022, 23.3361



59.2930, 2.3206, 2.3740



44.7910, 41.0220, 49.2953



0.0000, 0.0000, 0.0000



# Inverse Universe

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



96.8830, -2.4073, 25.5356



117.6290, -3.7611, 39.7904



109.6090, -7.2022, -23.3361



59.3210, -0.1583, 4.1035



41.3500, -7.0746, 75.9921

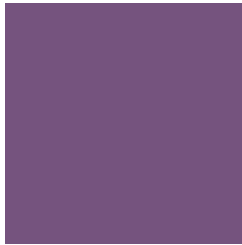


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 98.0680, 13.7705, 16.6034 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 98.0680, 13.7705, 16.6034 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 98.0680, 13.7705, 16.6034

## Background



This preview shows how black text looks on a background with the YUV color 98.0680, 13.7705, 16.6034.



This preview shows how white text looks on a background with the YUV color 98.0680, 13.7705,



# 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

98.0680, 13.7705, 16.6034

### Protanopia

95.2710, 19.0934, -10.7617

### Deuteranopia

95.9250, 13.8410, -6.0732



## Tritanopia

96.9740, -0.4802, 14.0548

# Trichromacy



## Original Color

98.0680, 13.7705, 16.6034

## Protanomaly

96.1690, 17.1717, -1.0252

## Deuteranomaly

96.6810, 13.9613, 2.0338

## Tritanomaly

97.3530, 4.7560, 14.5994

# Monochromacy



## Original Color

98.0680, 13.7705, 16.6034

## Achromatopsia

98.0000, 0.0000, 0.0000

## Achromatomaly

98.2980, 4.7831, 5.8777

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.0680, 13.7705, 16.6034 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(117, 83, 126)` looks like.

```
.text, #text, p{  
    color:rgb(117, 83, 126)  
}
```

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(117, 83, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 83, 126) }
```

## Border

The CSS property to change the border of an element to YUV 98.0680, 13.7705, 16.6034 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(117, 83, 126) }
```



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

```
.border{ border-color:rgb(117, 83, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 83, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 83, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 83, 126);  
box-shadow:4px 4px 4px 4px rgb(117, 83,  
126) }
```

# Background

The CSS property to change the background color of an element to YUV 98.0680, 13.7705, 16.6034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 83, 126) }
```

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

```
.background{ background-color: rgb(117, 83,  
126) }
```

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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