

# Converting Colors

YUV(82.6840, 6.0718, 12.5551)

Have a look what the booklet for  
YUV(82.6840, 6.0718, 12.5551)  
contains.

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# Color

**YUV(82.6840, 6.0718,  
12.5551)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	61495F
RGB	97, 73, 95
RGB Percent	38%, 29%, 37%
CMY	0.6196, 0.7137, 0.6275
CMYK	0.00, 0.25, 0.02, 0.62
HSL	305°, 14%, 33%
HSV	305°, 25%, 38%
XYZ	9.3779, 8.1327, 11.9020
YIQ	82.6840, 7.2420, 11.9300

# Conversions

## Conversions Part 2

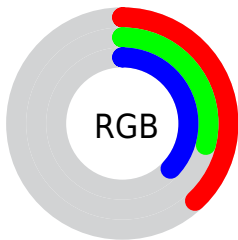
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 73, 95
Decimal	6375775
CIELab	34.26, 14.41, -8.98
CIELCh	34, 16.981, 328.088
Yxy	8.1327, 0.3188, 0.2765
Android (android.graphics.Color)	4284565855 (0xFF61495F)
YUV	82.6840, 6.0718, 12.5551
Hunter-Lab	28.5179, 8.7919, -4.7822




# Details

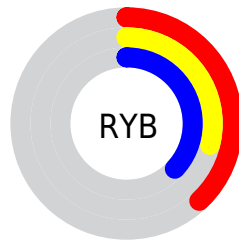
The YUV color **82.6840, 6.0718, 12.5551** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **87.3160, -6.0718, -12.5551**, and the grayscale version is **83.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **132.3960, 6.2138, 13.6847**, and **37.5590, 5.6404, 10.9108** is the 20% darker color. If you saturate the color by 10%, you get **76.7000, 8.5289, 17.8031**, and if you desaturate by 10%, it is **88.6680, 3.6147, 7.3072**.

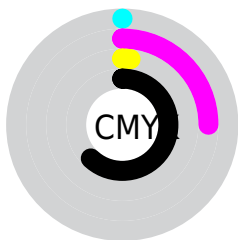
# Distribution







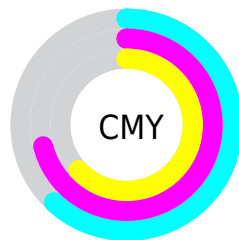
-  Red (38%)
-  Green (29%)
-  Blue (37%)






-  Red (38%)
-  Yellow (29%)
-  Blue (37%)



-  Cyan (0%)
-  Magenta (25%)
-  Yellow (2%)
-  Black (62%)



-  Cyan (62%)
-  Magenta (71%)
-  Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 82.6840, 6.0718, 12.5551 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 82.6840, 6.0718, 12.5551 by changing the saturation by 10% instead.



82.6840, 6.0718,  
12.5551

82.6840, 6.0718,  
12.5551

255.0000, 0.0000,  
0.0000

59.2710, 5.7824,  
12.0403

132.3960, 6.2138,  
13.6847

37.5590, 5.6404,  
10.9108

158.8090, 6.5032,  
14.1995

15.0970, 6.3612,  
13.0699

185.2220, 6.7926,  
14.7143

0.0000, 0.0000,  
0.0000

213.2220, 6.7926,  
14.7143

240.3250, 7.2348,  
12.8700

82.6840, 6.0718,  
12.5551

82.6840, 6.0718,  
12.5551

76.7000, 8.5289,  
17.8031

88.6680, 3.6147,  
7.3072

71.3030, 10.6966,  
22.5363

94.0650, 1.4470,  
2.5740

65.4330, 13.5905,  
27.6843

99.9350, -1.4470,  
-2.5740

59.4490, 16.0476,  
32.9322

105.9190, -3.9041,  
-7.8220

53.4650, 18.5048,  
38.1802

111.9030, -6.3612,  
-13.0699

48.0680, 20.6725,  
42.9134

117.3000, -8.5289,  
-17.8031

42.0840, 23.1296,  
48.1613


123.2840,  
-10.9860, -23.0511

39.1490, 24.5765,

129.1540,

50.7353

-13.8799, -28.1991

 134.5510,  
-16.0476, -32.9322

# Harmonies

## Analogous

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



81.2740, 11.2039, -0.2403



82.6840, 6.0718, 12.5551



82.7190, -0.3545, 20.4174

# Triad

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



82.6840, 6.0718, 12.5551



79.7380, -12.6888, 9.8768



73.6200, 9.5543, -31.2387

# Complementary

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



82.6840, 6.0718, 12.5551



87.3160, -6.0718, -12.5551

# 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.



74.4160, 2.2599, -24.9208



82.6840, 6.0718, 12.5551



78.7150, -11.1985, -1.5041

# Square

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



82.6840, 6.0718, 12.5551



81.1350, -11.4056, 18.2986



76.8320, -5.3402, -13.8847



75.3800, 13.6167, -27.5203



# Rectangle

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



82.6840, 6.0718, 12.5551



82.2910, -4.5805, 22.5468



76.8320, -5.3402, -13.8847



73.6480, 7.0755, -29.5093

# Sweetspot

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



82.6840, 6.0718, 12.5551



119.6030, 2.1677, 4.7332



76.3340, 10.1883, -1.1699



60.9510, 1.0102, 2.6740



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000



# Same Dimension

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



82.6840, 6.0718, 12.5551



102.3520, 9.6865, 19.8623



81.3160, 0.8302, 13.7549



45.6520, 1.1576, 2.0592



45.2300, 28.4806, 58.5573



96.8400, 60.7179, 125.5513



# Inverse Universe

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



82.6840, 6.0718, 12.5551



102.3520, 9.6865, 19.8623



88.6840, -0.8302, -13.7549



45.6520, 1.1576, 2.0592



45.2300, 28.4806, 58.5573



96.8400, 60.7179, 125.5513



# Previews

## White Background



This preview shows how the YUV color 82.6840, 6.0718, 12.5551 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

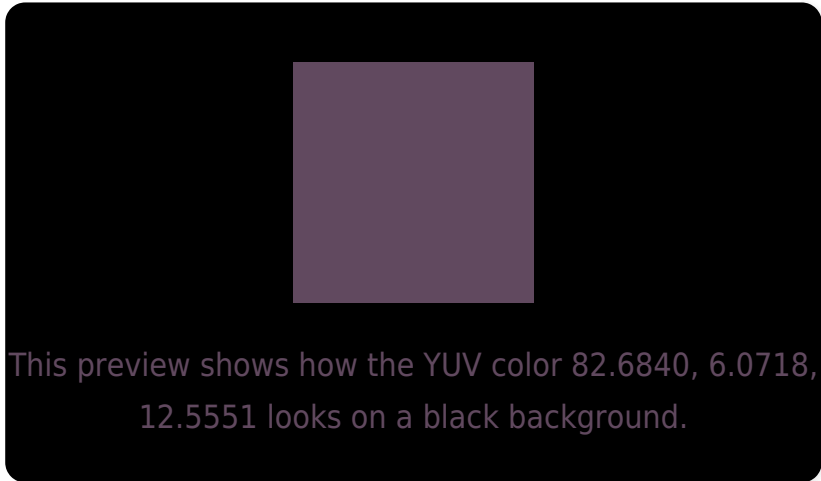
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black 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

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

# YUV 82.6840, 6.0718, 12.5551

## Background



This preview shows how black text looks on a background with the YUV color 82.6840, 6.0718, 12.5551.



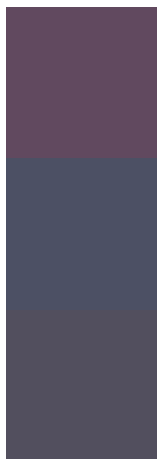
This preview shows how white text looks on a background with the YUV color 82.6840, 6.0718,



# 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

82.6840, 6.0718, 12.5551

### Protanopia

81.0840, 9.3256, -4.4587

### Deuteranopia

81.6070, 6.1097, 0.3447



## Tritanopia

81.6640, -0.3274, 11.6957

# Trichromacy



## Original Color

82.6840, 6.0718, 12.5551

## Protanomaly

81.4870, 8.1409, 2.2039

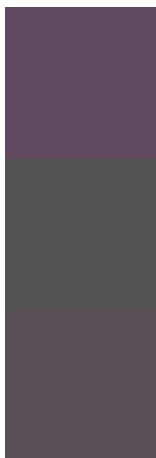
## Deuteranomaly

81.9280, 5.9515, 4.4481

## Tritanomaly

81.9460, 1.9986, 12.3254

# Monochromacy



## Original Color

82.6840, 6.0718, 12.5551

## Achromatopsia

83.0000, 0.0000, 0.0000

## Achromatomaly

82.6030, 2.1677, 4.7332

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 82.6840, 6.0718, 12.5551 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(97, 73, 95)` looks like.

```
.text, #text, p{  
    color:rgb(97, 73, 95)  
}
```

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(97, 73, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 73, 95) }
```

## Border

The CSS property to change the border of an element to YUV 82.6840, 6.0718, 12.5551 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(97, 73, 95) }
```



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

```
.border{ border-color:rgb(97, 73, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 73, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 73, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 73, 95);  
box-shadow:4px 4px 4px 4px rgb(97, 73, 95)  
}
```

# Background

The CSS property to change the background color of an element to YUV 82.6840, 6.0718, 12.5551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 73, 95) }
```

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

```
.background{ background-color: rgb(97, 73,  
95) }
```

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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