

# Converting Colors

YUV(96.3860, 4.7397, 19.8325)

Have a look what the booklet for  
YUV(96.3860, 4.7397, 19.8325)  
contains.

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# Color

**YUV(96.3860, 4.7397,  
19.8325)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77536A
RGB	119, 83, 106
RGB Percent	47%, 33%, 42%
CMY	0.5333, 0.6745, 0.5843
CMYK	0.00, 0.30, 0.11, 0.53
HSL	322°, 18%, 40%
HSV	322°, 30%, 47%
XYZ	13.3025, 11.1491, 15.0865
YIQ	96.3860, 14.0730, 14.7850

# Conversions

## Conversions Part 2

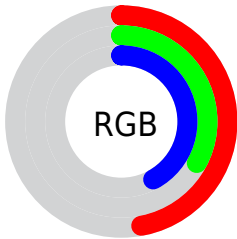
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 83, 106
Decimal	7820138
CIE Lab	39.83, 18.95, -7.23
CIE LCh	40, 20.283, 339.110
Yxy	11.1491, 0.3364, 0.2820
Android (android.graphics.Color)	4286010218 (0xFF77536A)
YUV	96.3860, 4.7397, 19.8325
Hunter-Lab	33.3902, 12.6808, -3.4156

# Details

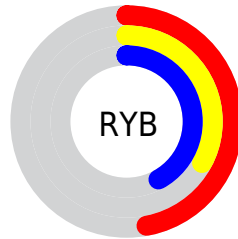
The YUV color **96.3860, 4.7397, 19.8325** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **105.6140, -4.7397, -19.8325**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3970, 4.7343, 21.5768**, and **49.3750, 4.7451, 18.0881** is the 20% darker color. If you saturate the color by 10%, you get **88.8860, 6.4652, 26.4100**, and if you desaturate by 10%, it is **103.8860, 3.0142, 13.2550**.

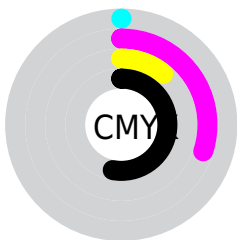
# Distribution



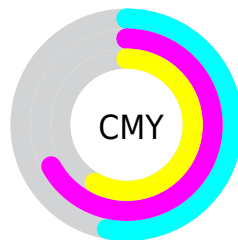
- Red (47%)
- Green (33%)
- Blue (42%)



- Red (47%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (11%)
- Black (53%)



- Cyan (53%)
- Magenta (67%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 96.3860, 4.7397, 19.8325 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 96.3860, 4.7397, 19.8325 by changing the saturation by 10% instead.



■ 96.3860, 4.7397,  
19.8325

■ 96.3860, 4.7397,  
19.8325

■ 255.0000, 0.0000,  
0.0000

■ 72.6740, 4.5977,  
18.7029

■ 147.3970, 4.7343,  
21.5768

■ 49.3750, 4.7451,  
18.0881

■ 173.8100, 5.0237,  
22.0916

■ 27.6630, 4.6031,  
16.9585

■ 201.2230, 5.3131,  
22.6064

■ 10.4950, 2.7140,  
16.2289

■ 229.2230, 5.3131,  
22.6064

■ 0.0000, 0.0000,  
0.0000

■ 247.9560, 3.4727,  
6.1776

96.3860, 4.7397,  
19.8325

96.3860, 4.7397,  
19.8325

88.8860, 6.4652,  
26.4100

103.8860, 3.0142,  
13.2550

81.2720, 7.7539,  
33.0875

111.5000, 1.7255,  
6.5775

73.7720, 9.4794,  
39.6650

119.0000, 0.0000,  
0.0000

66.2720, 11.2049,  
46.2425

126.5000, -1.7255,  
-6.5775

58.7720, 12.9304,  
52.8200

133.4130, -3.1616,  
-12.6402

51.7450, 13.9297,  
58.9826

141.0270, -4.4503,  
-19.3177

44.2450, 15.6552,  
65.5601

148.5270, -6.1758,  
-25.8952

156.0270, -7.9013,

-32.4727

■ 163.6410, -9.1900,  
-39.1502

# Harmonies

## Analogous

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



96.1330, 11.7664, 6.0224



96.3860, 4.7397, 19.8325



95.3670, -3.1389, 26.8651

# Triad

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



96.3860, 4.7397, 19.8325



92.0320, -15.2988, 6.9879



84.8300, 14.3808, -39.3159

# Complementary

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



96.3860, 4.7397, 19.8325



105.6140, -4.7397, -19.8325

# 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.



85.0880, 6.3656, -35.1572



96.3860, 4.7397, 19.8325



90.3830, -11.0348, -7.3519

# Square

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



96.3860, 4.7397, 19.8325



93.8100, -15.1893, 18.5836



88.0590, -2.9871, -21.9767



88.6940, 17.4059, -29.5496



# Rectangle

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



96.3860, 4.7397, 19.8325



95.4010, -8.0857, 26.8353



88.0590, -2.9871, -21.9767



84.5480, 12.0548, -39.9456

# Sweetspot

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



96.3860, 4.7397, 19.8325



147.0980, 1.4307, 7.8071



90.9910, 13.8084, 4.3929



73.3750, 1.2941, 4.9331



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



96.3860, 4.7397, 19.8325



120.7340, 7.0331, 30.9283



94.3340, -3.1227, 21.6321



55.2500, 0.8628, 3.2888



45.3700, 16.0866, 67.2045



92.9900, 33.0359, 137.6978



# Inverse Universe

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



96.3860, 4.7397, 19.8325



120.7340, 7.0331, 30.9283



107.6660, 3.1227, -21.6321



55.2500, 0.8628, 3.2888



45.3700, 16.0866, 67.2045



92.9900, 33.0359, 137.6978



# Previews

## White Background



This preview shows how the YUV color 96.3860, 4.7397, 19.8325 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

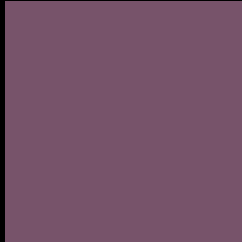
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 96.3860, 4.7397, 19.8325 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

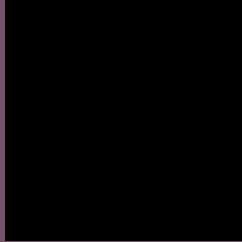
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 96.3860, 4.7397, 19.8325

## Background



This preview shows how black text looks on a background with the YUV color 96.3860, 4.7397, 19.8325.



This preview shows how white text looks on a background with the YUV color 96.3860, 4.7397,



# 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

96.3860, 4.7397, 19.8325

### Protanopia

94.3830, 9.1782, -3.8439

### Deuteranopia

95.1620, 4.3571, 2.4889



## Tritanopia

95.9530, -1.9488, 18.4582

# Trichromacy



## Original Color

96.3860, 4.7397, 19.8325

## Protanomaly

94.9820, 7.4039, 5.2778

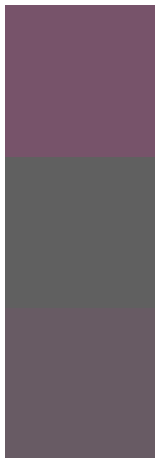
## Deuteranomaly

95.9070, 4.4828, 8.8516

## Tritanomaly

96.2350, 0.3771, 19.0879

# Monochromacy



## Original Color

96.3860, 4.7397, 19.8325

## Achromatopsia

96.0000, 0.0000, 0.0000

## Achromatomaly

95.9130, 2.0149, 7.0923

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.3860, 4.7397, 19.8325 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, 83, 106)` looks like.

```
.text, #text, p{  
    color:rgb(119, 83, 106)  
}
```

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, 83, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 83, 106) }
```

## Border

The CSS property to change the border of an element to YUV 96.3860, 4.7397, 19.8325 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, 83, 106) }
```



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

```
.border{ border-color:rgb(119, 83, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 83, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 83, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 83, 106);  
box-shadow:4px 4px 4px 4px rgb(119, 83,  
106) }
```

# Background

The CSS property to change the background color of an element to YUV 96.3860, 4.7397, 19.8325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 83, 106) }
```

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

```
.background{ background-color: rgb(119, 83,  
106) }
```

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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