

# Converting Colors

YUV(96.8080, 11.4337, 19.4624)

Have a look what the booklet for  
YUV(96.8080, 11.4337, 19.4624)  
contains.

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# Color

**YUV(96.8080, 11.4337,  
19.4624)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	775178
RGB	119, 81, 120
RGB Percent	47%, 32%, 47%
CMY	0.5333, 0.6824, 0.5294
CMYK	0.01, 0.33, 0.00, 0.53
HSL	298°, 19%, 39%
HSV	298°, 32%, 47%
XYZ	13.9403, 11.1629, 19.1892
YIQ	96.8080, 10.1290, 20.1850

# Conversions

## Conversions Part 2

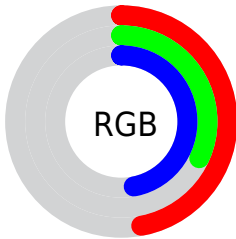
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 81, 120
Decimal	7819640
CIE Lab	39.85, 22.94, -15.83
CIE LCh	40, 27.869, 325.382
Yxy	11.1629, 0.3147, 0.2520
Android (android.graphics.Color)	4286009720 (0xFF775178)
YUV	96.8080, 11.4337, 19.4624
Hunter-Lab	33.4109, 16.0083, -10.6650

# Details

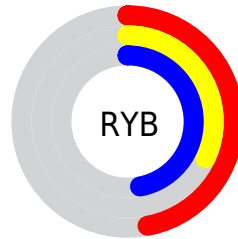
The YUV color **96.8080, 11.4337, 19.4624** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **104.1920, -11.4337, -19.4624**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9330, 11.8650, 21.1068**, and **49.5690, 10.5655, 17.9180** is the 20% darker color. If you saturate the color by 10%, you get **89.7640, 14.9063, 25.6400**, and if you desaturate by 10%, it is **103.8520, 7.9610, 13.2848**.

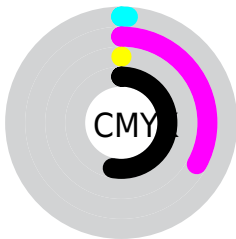
# Distribution



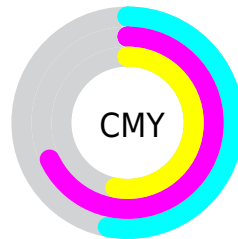
- Red (47%)
- Green (32%)
- Blue (47%)



- Red (47%)
- Yellow (32%)
- Blue (47%)



- Cyan (1%)
- Magenta (33%)
- Yellow (0%)
- Black (53%)



- Cyan (53%)
- Magenta (68%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 96.8080, 11.4337, 19.4624 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 96.8080, 11.4337, 19.4624 by changing the saturation by 10% instead.



96.8080, 11.4337,  
19.4624

96.8080, 11.4337,  
19.4624

255.0000, 0.0000,  
0.0000

72.9820, 10.8549,  
18.4328

147.9330, 11.8650,  
21.1068

49.5690, 10.5655,  
17.9180

174.4600, 12.5912,  
21.5216

26.9710, 10.8603,  
16.6884

202.1720, 12.7332,  
22.6512

11.8630, 7.9555,  
15.0291

229.7590, 12.4438,  
22.1364

0.0000, 0.0000,  
0.0000

246.7820, 4.0515,  
7.2072

■ 96.8080, 11.4337,  
19.4624

■ 96.8080, 11.4337,  
19.4624

■ 89.7640, 14.9063,  
25.6400

■ 103.8520, 7.9610,  
13.2848

■ 82.4210, 18.5264,  
31.2028

■ 111.1950, 4.3409,  
7.7220

■ 75.3770, 21.9991,  
37.3804

■ 118.2390, 0.8682,  
1.5444

■ 68.3330, 25.4718,  
43.5580

■ 125.2830, -2.6045,  
-4.6332

■ 60.9900, 29.0919,  
49.1208

■ 132.6260, -6.2246,  
-10.1960

■ 53.9460, 32.5646,  
55.2984


■ 139.6700, -9.6973,  
-16.3736

■ 48.6630, 35.1691,  
59.9315

■ 146.7140,  
-13.1700, -22.5512

■ 153.7580,

-16.6427, -28.7288

 161.1010,  
-20.2628, -34.2916

# Harmonies

## Analogous

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



94.8420, 19.7979, -3.3694



96.8080, 11.4337, 19.4624



96.1490, 0.9125, 34.0723

# Triad

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



96.8080, 11.4337, 19.4624



92.0780, -21.7305, 16.5946



75.1040, 18.6827, -65.8662

# Complementary

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



96.8080, 11.4337, 19.4624



104.1920, -11.4337, -19.4624

# 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.



79.8430, 4.5144, -48.0973



96.8080, 11.4337, 19.4624



90.0650, -18.7660, -0.9340

# Square

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



96.8080, 11.4337, 19.4624



93.7900, -18.1375, 30.8792



86.6370, -9.6810, -21.6066



75.3950, 27.4133, -66.1214



# Rectangle

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



96.8080, 11.4337, 19.4624



95.3360, -6.0816, 37.4163



86.6370, -9.6810, -21.6066



74.1920, 15.1883, -65.0664

# Sweetspot

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



96.8080, 11.4337, 19.4624



146.3090, 4.7777, 7.6220



86.0330, 16.7457, -4.4139



73.7170, 2.6045, 4.6332



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.



96.8080, 11.4337, 19.4624



119.5950, 17.9477, 30.1732



95.0550, 3.4239, 21.8768



57.4780, 1.7363, 3.0888



50.7280, 36.6161, 62.5055



102.2820, 73.8110, 126.0407



# Inverse Universe

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



92.7750, -5.3121, 23.8763



113.3530, -8.5550, 37.4014



105.9450, -3.4239, -21.8768



56.7940, -0.8844, 3.6887



37.7170, -17.1155, 76.5472

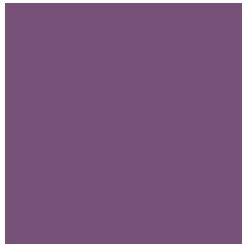


76.0320, -34.5258, 154.3239



# Previews

## White Background



This preview shows how the YUV color 96.8080, 11.4337, 19.4624 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

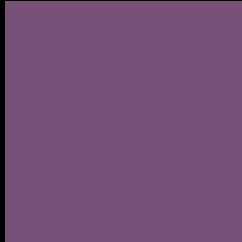
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 96.8080, 11.4337, 19.4624 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

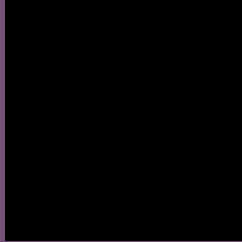
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 96.8080, 11.4337, 19.4624

## Background



This preview shows how black text looks on a background with the YUV color 96.8080, 11.4337, 19.4624.



This preview shows how white text looks on a background with the YUV color 96.8080, 11.4337,



# 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

96.8080, 11.4337, 19.4624

### Protanopia

94.4130, 17.0514, -9.1322

### Deuteranopia

94.6650, 11.5042, -3.2142



## Tritanopia

95.4690, -1.2172, 17.1287

# Trichromacy



## Original Color

96.8080, 11.4337, 19.4624

## Protanomaly

95.6100, 14.9823, 1.2190

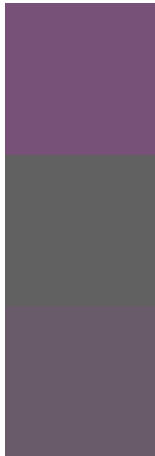
## Deuteranomaly

95.4210, 11.6244, 4.8928

## Tritanomaly

95.7340, 3.5821, 17.7733

# Monochromacy



## Original Color

96.8080, 11.4337, 19.4624

## Achromatopsia

97.0000, 0.0000, 0.0000

## Achromatomaly

96.7820, 4.0515, 7.2072

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.8080, 11.4337, 19.4624 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, 81, 120)` looks like.

```
.text, #text, p{  
    color:rgb(119, 81, 120)  
}
```

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, 81, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 81, 120) }
```

## Border

The CSS property to change the border of an element to YUV 96.8080, 11.4337, 19.4624 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, 81, 120) }
```



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

```
.border{ border-color:rgb(119, 81, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 81, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 81, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 81, 120); box-shadow:4px 4px 4px 4px rgb(119, 81, 120) }
```

# Background

The CSS property to change the background color of an element to YUV 96.8080, 11.4337, 19.4624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 81, 120) }
```

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

```
.background{ background-color: rgb(119, 81,  
120) }
```

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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