

# Converting Colors

YUV(96.6930, 19.3784, 37.9802)

Have a look what the booklet for  
YUV(96.6930, 19.3784, 37.9802)  
contains.

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# Color

**YUV(96.6930, 19.3784,  
37.9802)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C4388
RGB	140, 67, 136
RGB Percent	55%, 26%, 53%
CMY	0.4510, 0.7373, 0.4667
CMYK	0.00, 0.52, 0.03, 0.45
HSL	303°, 35%, 41%
HSV	303°, 52%, 55%
XYZ	17.2663, 11.3673, 24.5766
YIQ	96.6930, 21.3590, 36.9350

# Conversions

## Conversions Part 2

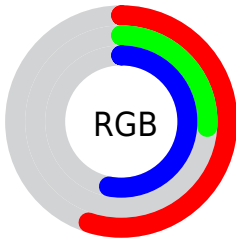
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 67, 136
Decimal	9192328
CIE <sub>Lab</sub>	40.19, 40.97, -24.89
CIE <sub>LCh</sub>	40, 47.936, 328.720
Yxy	11.3673, 0.3245, 0.2136
Android (android.graphics.Color)	4287382408 (0xFF8C4388)
<b>YUV</b>	96.6930, 19.3784, 37.9802
Hunter-Lab	33.7155, 32.4110, -19.6181

# Details

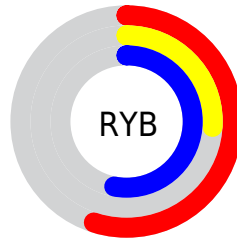
The YUV color **96.6930, 19.3784, 37.9802** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **110.3070, -19.3784, -37.9802**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2310, 20.0991, 40.1394**, and **44.3340, 20.5413, 38.2951** is the 20% darker color. If you saturate the color by 10%, you get **88.3610, 22.9930, 45.2874**, and if you desaturate by 10%, it is **105.0250, 15.7637, 30.6731**.

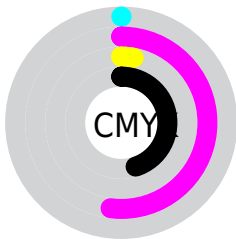
# Distribution



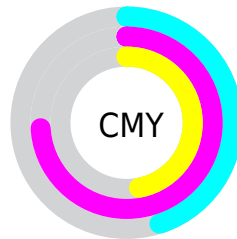
- Red (55%)
- Green (26%)
- Blue (53%)



- Red (55%)
- Yellow (26%)
- Blue (53%)



- Cyan (0%)
- Magenta (52%)
- Yellow (3%)
- Black (45%)



- Cyan (45%)
- Magenta (74%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 96.6930, 19.3784, 37.9802 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 96.6930, 19.3784, 37.9802 by changing the saturation by 10% instead.



96.6930, 19.3784,  
37.9802

96.6930, 19.3784,  
37.9802

255.0000, 0.0000,  
0.0000

70.9810, 19.2364,  
36.8507

149.2310, 20.0991,  
40.1394

44.3340, 20.5413,  
38.2951

176.8290, 19.8043,  
41.3690

25.6060, 17.9422,  
31.9175

204.6550, 20.3831,  
42.3986

17.2320, 11.7176,  
21.7215

222.7150, 15.9165,  
28.3139

2.6390, 7.5730,  
-2.3144

239.1510, 7.8136,  
13.8996

0.0000, 0.0000,  
0.0000

96.6930, 19.3784,  
37.9802

96.6930, 19.3784,  
37.9802

88.3610, 22.9930,  
45.2874

105.0250, 15.7637,  
30.6731

80.0290, 26.6077,  
52.5946

113.3570, 12.1490,  
23.3659

71.8110, 30.6592,  
59.8018

121.5750, 8.0975,  
16.1587

63.4790, 34.2739,  
67.1089

129.9070, 4.4828,  
8.8516

56.9080, 37.0204,  
72.8717


138.2390, 0.8682,  
1.5444

146.5710, -2.7465,  
-5.7628

154.7890, -6.7980,  
-12.9700

163.1210,

-10.4127, -20.2771

 171.4530,  
-14.0273, -27.5843

# Harmonies

## Analogous

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



95.5010, 33.7700, -4.8244



96.6930, 19.3784, 37.9802



91.8950, 3.0098, 61.4821

# Triad

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



96.6930, 19.3784, 37.9802



88.3890, -43.5758, 23.3378



81.2650, 24.5194, -71.2694

# Complementary

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



96.6930, 19.3784, 37.9802



110.3070, -19.3784, -37.9802

# 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.



76.8190, 7.4842, -67.3703



96.6930, 19.3784, 37.9802



85.3080, -34.1688, -7.2861

# Square

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



96.6930, 19.3784, 37.9802



91.5180, -32.3004, 46.9037



71.0960, -9.4143, -60.5972



82.3370, 38.7809, -72.2095



# Rectangle

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



96.6930, 19.3784, 37.9802



91.0020, -9.3680, 64.8962



71.0960, -9.4143, -60.5972



79.8970, 19.2778, -70.0697

# Sweetspot

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



96.6930, 19.3784, 37.9802



163.7490, 7.5187, 15.1291



76.5180, 31.2966, -4.8393



81.3200, 4.7722, 9.3664



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



96.6930, 19.3784, 37.9802



113.3980, 30.3698, 59.2870



92.5890, 3.6536, 41.5794



64.7770, 1.5889, 3.7036



54.0170, 34.9946, 69.2681



2.0650, 1.4470, 2.5740



# Inverse Universe

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



96.6930, 19.3784, 37.9802



113.3980, 30.3698, 59.2870



114.4110, -3.6536, -41.5794



64.7770, 1.5889, 3.7036



54.0170, 34.9946, 69.2681



2.0650, 1.4470, 2.5740



# Previews

## White Background



This preview shows how the YUV color 96.6930, 19.3784, 37.9802 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 96.6930, 19.3784, 37.9802 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

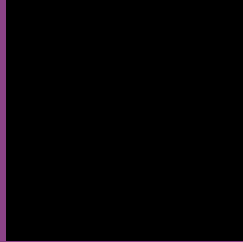
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 96.6930, 19.3784, 37.9802

## Background



This preview shows how black text looks on a background with the YUV color 96.6930, 19.3784, 37.9802.



This preview shows how white text looks on a background with the YUV color 96.6930, 19.3784,



# 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

96.6930, 19.3784, 37.9802

### Protanopia

93.2340, 31.9296, -21.2532

### Deuteranopia

95.2280, 17.6356, -9.8470



## Tritanopia

96.1290, -5.4866, 33.2129

# Trichromacy



## Original Color

96.6930, 19.3784, 37.9802

## Protanomaly

94.8130, 27.2072, 0.1640

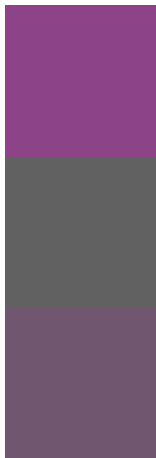
## Deuteranomaly

95.5660, 18.4550, 7.3966

## Tritanomaly

96.5450, 3.6753, 34.6020

# Monochromacy



## Original Color

96.6930, 19.3784, 37.9802

## Achromatopsia

97.0000, 0.0000, 0.0000

## Achromatomaly

96.9230, 6.9400, 14.0995

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.6930, 19.3784, 37.9802 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(140, 67, 136)` looks like.

```
.text, #text, p{  
    color:rgb(140, 67, 136)  
}
```

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(140, 67, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 67, 136) }
```

## Border

The CSS property to change the border of an element to YUV 96.6930, 19.3784, 37.9802 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(140, 67, 136) }
```



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

```
.border{ border-color:rgb(140, 67, 136) }
```

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

Here you see how a box with a 4 pixel rgb(140, 67, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 67, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 67, 136);  
box-shadow:4px 4px 4px 4px rgb(140, 67,  
136) }
```

# Background

The CSS property to change the background color of an element to YUV 96.6930, 19.3784, 37.9802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 67, 136) }
```

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

```
.background{ background-color: rgb(140, 67,  
136) }
```

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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