

# Converting Colors

YUV(96.3670, 20.5251, 43.5281)

Have a look what the booklet for  
YUV(96.3670, 20.5251, 43.5281)  
contains.

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# Color

**YUV(96.3670, 20.5251,  
43.5281)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	923F8A
RGB	146, 63, 138
RGB Percent	57%, 25%, 54%
CMY	0.4275, 0.7529, 0.4588
CMYK	0.00, 0.57, 0.05, 0.43
HSL	306°, 40%, 41%
HSV	306°, 57%, 57%
XYZ	18.2190, 11.5010, 25.3044
YIQ	96.3670, 25.3930, 40.9210

# Conversions

## Conversions Part 2

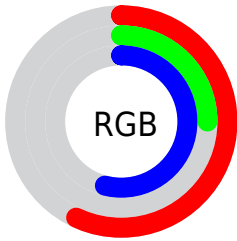
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">146, 63, 138</a>
Decimal	<a href="#">9584522</a>
CIELab	<a href="#">40.41, 45.14, -25.70</a>
CIElCh	<a href="#">40, 51.942, 330.343</a>
Yxy	<a href="#">11.5010, 0.3311, 0.2090</a>
Android (android.graphics.Color)	<a href="#">4287774602 (0xFF923F8A)</a>
YUV	<a href="#">96.3670, 20.5251, 43.5281</a>
Hunter-Lab	<a href="#">33.9131, 36.5470, -20.5003</a>

# Details

The YUV color **96.3670, 20.5251, 43.5281** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **112.6330, -20.5251, -43.5281**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.7910, 20.8090, 45.7873**, and **40.1870, 23.5718, 46.3170** is the 20% darker color. If you saturate the color by 10%, you get **87.4480, 24.4291, 51.3501**, and if you desaturate by 10%, it is **105.2860, 16.6210, 35.7062**.

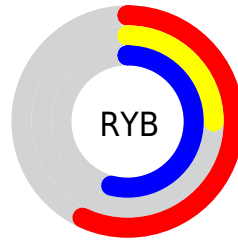
# Distribution



Red (57%)

Green (25%)

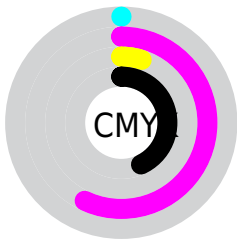
Blue (54%)



Red (57%)

Yellow (25%)

Blue (54%)

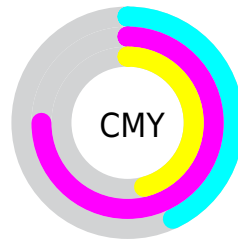


Cyan (0%)

Magenta (57%)

Yellow (5%)

Black (43%)



Cyan (43%)

Magenta (75%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 96.3670, 20.5251, 43.5281 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 96.3670, 20.5251, 43.5281 by changing the saturation by 10% instead.



96.3670, 20.5251,  
43.5281

96.3670, 20.5251,  
43.5281

255.0000, 0.0000,  
0.0000

70.0680, 20.6725,  
42.9134

149.7910, 20.8090,  
45.7873

40.1870, 23.5718,  
46.3170

177.5030, 20.9510,  
46.9169

27.3290, 18.0788,  
34.7915

203.7200, 21.8300,  
44.9726

18.5420, 11.5648,  
24.0807

220.9540, 16.7847,  
29.8583

2.2800, 8.7360,  
-1.9996

237.3900, 8.6817,  
15.4440

0.0000, 0.0000,  
0.0000

96.3670, 20.5251,  
43.5281

96.3670, 20.5251,  
43.5281

87.4480, 24.4291,  
51.3501

105.2860, 16.6210,  
35.7062

79.0020, 27.6070,  
58.7572

113.7320, 13.4431,  
28.2990

70.0830, 31.5111,  
66.5792

122.6510, 9.5391,  
20.4771

61.6370, 34.6890,  
73.9864

131.0970, 6.3612,  
13.0699

58.7020, 36.1359,  
76.5603


140.0160, 2.4571,  
5.2480

148.9350, -1.4470,  
-2.5740

157.3810, -4.6248,  
-9.9811

166.3000, -8.5289,

-17.8031

 174.7460,  
-11.7068, -25.2102

# Harmonies

## Analogous

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



96.3810, 35.8012, -2.9651



96.3670, 20.5251, 43.5281



90.9390, 2.9881, 68.4595

# Triad

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



96.3670, 20.5251, 43.5281



89.2640, -44.0072, 21.6935



82.5360, 26.8508, -72.3841

# Complementary

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



96.3670, 20.5251, 43.5281



112.6330, -20.5251, -43.5281

# 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.



77.6340, 8.0684, -68.0850



96.3670, 20.5251, 43.5281



83.7330, -38.8154, -10.2898

# Square

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



96.3670, 20.5251, 43.5281



90.9760, -36.9632, 49.1330



71.5580, -10.1351, -62.7564



83.8360, 41.9859, -73.5242



# Rectangle

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



96.3670, 20.5251, 43.5281



89.6930, -10.6946, 70.4292



71.5580, -10.1351, -62.7564



81.6410, 20.8830, -71.5992

# Sweetspot

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



96.3670, 20.5251, 43.5281



169.8740, 7.9501, 16.7735



74.5550, 35.2224, -3.9947



82.7330, 5.0616, 9.8812



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



96.3670, 20.5251, 43.5281



111.7950, 31.6531, 67.7088



91.8070, 3.0531, 47.5273



69.7770, 1.5889, 3.7036



55.3980, 33.8208, 72.4420



4.0160, 2.4571, 5.2480



# Inverse Universe

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



96.3670, 20.5251, 43.5281



111.7950, 31.6531, 67.7088



117.1930, -3.0531, -47.5273



69.7770, 1.5889, 3.7036



55.3980, 33.8208, 72.4420

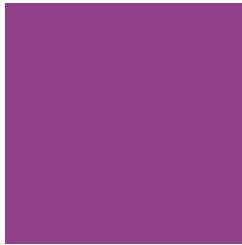


4.0160, 2.4571, 5.2480



# Previews

## White Background



This preview shows how the YUV color 96.3670, 20.5251, 43.5281 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 96.3670, 20.5251, 43.5281 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

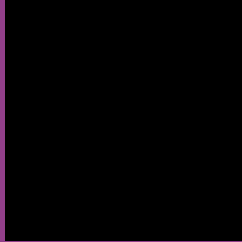
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 96.3670, 20.5251, 43.5281

## Background



This preview shows how black text looks on a background with the YUV color 96.3670, 20.5251, 43.5281.



This preview shows how white text looks on a background with the YUV color 96.3670, 20.5251,



# 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

96.3670, 20.5251, 43.5281

### Protanopia

93.3090, 34.8507, -24.8270

### Deuteranopia

96.0430, 18.2198, -10.5617



## Tritanopia

96.5210, -6.6659, 38.1311

# Trichromacy



## Original Color

96.3670, 20.5251, 43.5281

## Protanomaly

94.4970, 29.8280, -0.4359

## Deuteranomaly

96.1040, 19.1757, 9.5558

## Tritanomaly

96.4640, 3.2222, 39.9351

# Monochromacy



## Original Color

96.3670, 20.5251, 43.5281

## Achromatopsia

96.0000, 0.0000, 0.0000

## Achromatomaly

96.0480, 7.3713, 15.7439

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.3670, 20.5251, 43.5281 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(146, 63, 138)` looks like.

```
.text, #text, p{  
    color:rgb(146, 63, 138)  
}
```

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(146, 63, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 63, 138) }
```

## Border

The CSS property to change the border of an element to YUV 96.3670, 20.5251, 43.5281 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(146, 63, 138) }
```



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

```
.border{ border-color:rgb(146, 63, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 63, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 63, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 63, 138);  
box-shadow:4px 4px 4px 4px rgb(146, 63,  
138) }
```

# Background

The CSS property to change the background color of an element to YUV 96.3670, 20.5251, 43.5281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 63, 138) }
```

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

```
.background{ background-color: rgb(146, 63,  
138) }
```

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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