

# Converting Colors

YUV(101.6320, 21.8734,  
31.0177)

Have a look what the booklet for  
YUV(101.6320, 21.8734, 31.0177)  
contains.

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# Color

**YUV(101.6320, 21.8734,  
31.0177)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	894B92
RGB	137, 75, 146
RGB Percent	54%, 29%, 57%
CMY	0.4627, 0.7059, 0.4275
CMYK	0.06, 0.49, 0.00, 0.43
HSL	292°, 32%, 43%
HSV	292°, 49%, 57%
XYZ	18.0209, 12.4258, 28.6427
YIQ	101.6320, 14.1610, 35.2250

# Conversions

## Conversions Part 2

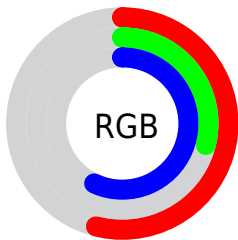
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 75, 146
Decimal	8997778
CIE <sub>Lab</sub>	41.89, 37.74, -28.35
CIE <sub>LCh</sub>	42, 47.199, 323.088
Yxy	12.4258, 0.3050, 0.2103
Android (android.graphics.Color)	4287187858 (0xFF894B92)
YUV	101.6320, 21.8734, 31.0177
Hunter-Lab	35.2503, 29.5660, -23.5011

# Details

The YUV color **101.6320, 21.8734, 31.0177** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **119.3680, -21.8734, -31.0177**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.1700, 22.5942, 33.1769**, and **51.5070, 21.4420, 29.3734** is the 20% darker color. If you saturate the color by 10%, you get **92.2290, 26.5091, 37.5102**, and if you desaturate by 10%, it is **111.0350, 17.2377, 24.5253**.

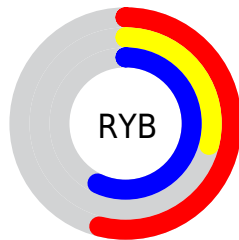
# Distribution



Red (54%)

Green (29%)

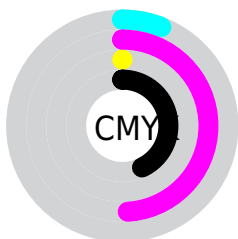
Blue (57%)



Red (54%)

Yellow (29%)

Blue (57%)

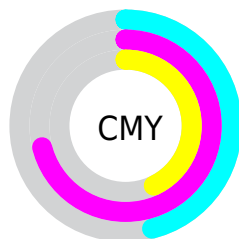


Cyan (6%)

Magenta (49%)

Yellow (0%)

Black (43%)



Cyan (46%)

Magenta (71%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.6320, 21.8734, 31.0177 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 101.6320, 21.8734, 31.0177 by changing the saturation by 10% instead.



101.6320, 21.8734,  
31.0177

101.6320, 21.8734,  
31.0177

255.0000, 0.0000,  
0.0000

76.2190, 21.5840,  
30.5029

154.1700, 22.5942,  
33.1769

51.5070, 21.4420,  
29.3734

180.9960, 23.1730,  
34.2065

26.0340, 22.1682,  
29.7882

209.1810, 22.5888,  
34.9213

17.1330, 15.2174,  
19.1774

227.4110, 13.6014,  
24.1956

3.0780, 11.7935,  
-2.6994

243.8470, 5.4984,  
9.7812

0.0000, 0.0000,  
0.0000

101.6320, 21.8734,  
31.0177

101.6320, 21.8734,  
31.0177

92.2290, 26.5091,  
37.5102

111.0350, 17.2377,  
24.5253

83.4130, 30.8554,  
43.4878

119.8510, 12.8915,  
18.5477

74.0100, 35.4911,  
49.9802

129.2540, 8.2558,  
12.0552

65.4930, 39.6900,  
56.5726

137.7710, 4.0569,  
5.4628

56.0900, 44.3256,  
63.0651

147.1740, -0.5788,  
-1.0296


54.6170, 45.0518,  
63.4799

156.5770, -5.2145,  
-7.5220

165.3930, -9.5607,  
-13.4997

174.7960,

-14.1964, -19.9921

 183.6120,  
-18.5427, -25.9697

# Harmonies

## Analogous

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



98.0160, 35.9811, -14.0460



101.6320, 21.8734, 31.0177



97.9700, 5.9308, 57.9083

# Triad

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



101.6320, 21.8734, 31.0177



93.9920, -41.4081, 28.0710



83.2710, 22.0514, -73.0287

# Complementary

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



101.6320, 21.8734, 31.0177



119.3680, -21.8734, -31.0177

# 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.



78.7110, 4.5795, -69.0295



101.6320, 21.8734, 31.0177



90.7710, -36.3691, -1.5532

# Square

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



101.6320, 21.8734, 31.0177



96.0500, -29.1116, 50.8222



82.9800, -16.7521, -40.3245



85.1580, 36.8971, -74.6836



# Rectangle

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



101.6320, 21.8734, 31.0177



95.8000, -6.3104, 64.1964



82.9800, -16.7521, -40.3245



81.7890, 16.3730, -71.7290

# Sweetspot

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



101.6320, 21.8734, 31.0177



170.7810, 8.9820, 12.4701



88.3770, 28.4081, -11.7316



83.4230, 5.2145, 7.5220



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.



101.6320, 21.8734, 31.0177



120.2440, 33.8967, 48.0210



101.3590, 9.1900, 39.1502



69.5920, 2.1731, 2.9888



51.6120, 42.5893, 59.9763



3.8310, 3.0413, 4.5332



# Inverse Universe

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



97.2550, -6.5347, 42.7494



113.4860, -10.0996, 66.2258



119.6410, -9.1900, -39.1502



69.0930, -1.0318, 4.3034



43.2000, -12.9166, 83.1396

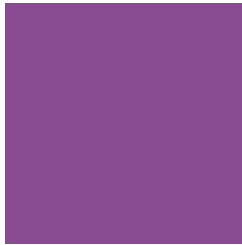


3.1040, -1.0373, 6.0478



# Previews

## White Background



This preview shows how the YUV color 101.6320, 21.8734, 31.0177 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

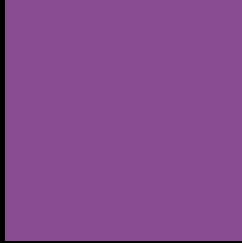
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 101.6320, 21.8734, 31.0177 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

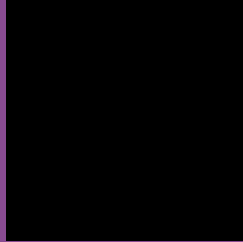
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 101.6320, 21.8734, 31.0177

## Background



This preview shows how black text looks on a background with the YUV color 101.6320, 21.8734, 31.0177.



This preview shows how white text looks on a background with the YUV color 101.6320, 21.8734, 31.0177.



# 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

101.6320, 21.8734, 31.0177

### Protanopia

96.9780, 33.5348, -22.7827

### Deuteranopia

98.5310, 21.4302, -13.6207



## Tritanopia

100.6550, -3.2809, 25.7356

# Trichromacy



## Original Color

101.6320, 21.8734, 31.0177

## Protanomaly

98.6600, 29.2546, -3.2098

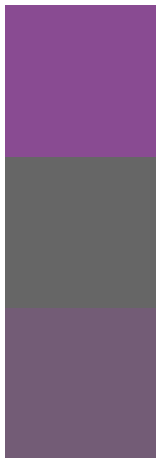
## Deuteranomaly

99.9290, 21.2340, 2.6933

## Tritanomaly

101.3700, 5.7336, 27.7395

# Monochromacy



## Original Color

101.6320, 21.8734, 31.0177

## Achromatopsia

102.0000, 0.0000, 0.0000

## Achromatomaly

101.8410, 7.9664, 11.5404

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.6320, 21.8734, 31.0177 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(137, 75, 146)` looks like.

```
.text, #text, p{  
    color:rgb(137, 75, 146)  
}
```

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(137, 75, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 75, 146) }
```

## Border

The CSS property to change the border of an element to YUV 101.6320, 21.8734, 31.0177 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(137, 75, 146) }
```



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

```
.border{ border-color:rgb(137, 75, 146) }
```

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

Here you see how a box with a 4 pixel rgb(137, 75, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 75, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 75, 146);  
box-shadow:4px 4px 4px 4px rgb(137, 75,  
146) }
```

# Background

The CSS property to change the background color of an element to YUV 101.6320, 21.8734, 31.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 75, 146) }
```

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

```
.background{ background-color: rgb(137, 75,  
146) }
```

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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