

# Converting Colors

YUV(101.2410, 21.5732,  
33.9916)

Have a look what the booklet for  
YUV(101.2410, 21.5732, 33.9916)  
contains.

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# Color

**YUV(101.2410, 21.5732,  
33.9916)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C4991
RGB	140, 73, 145
RGB Percent	55%, 29%, 57%
CMY	0.4510, 0.7137, 0.4314
CMYK	0.03, 0.50, 0.00, 0.43
HSL	296°, 33%, 43%
HSV	296°, 50%, 57%
XYZ	18.3086, 12.3849, 28.2136
YIQ	101.2410, 16.8200, 36.5960

# Conversions

## Conversions Part 2

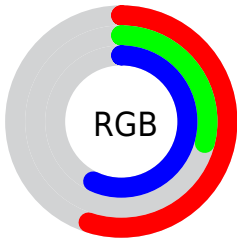
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	140, 73, 145
Decimal	9193873
CIE Lab	41.82, 39.53, -27.81
CIE LCh	42, 48.337, 324.872
Yxy	12.3849, 0.3108, 0.2102
Android (android.graphics.Color)	4287383953 (0xFF8C4991)
YUV	101.2410, 21.5732, 33.9916
Hunter-Lab	35.1921, 31.2778, -22.8984

# Details

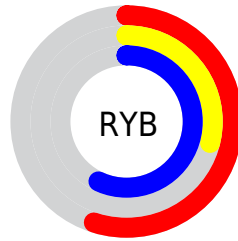
The YUV color **101.2410, 21.5732, 33.9916** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **116.7590, -21.5732, -33.9916**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.7790, 22.2940, 36.1508**, and **50.5290, 21.4312, 32.8621** is the 20% darker color. If you saturate the color by 10%, you get **92.7240, 25.7721, 40.5841**, and if you desaturate by 10%, it is **110.3450, 17.0849, 26.8844**.

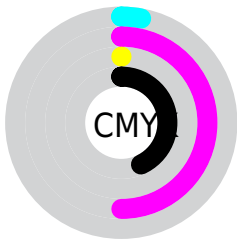
# Distribution



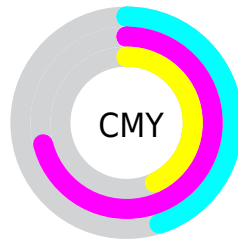
- Red (55%)
- Green (29%)
- Blue (57%)



- Red (55%)
- Yellow (29%)
- Blue (57%)



- Cyan (3%)
- Magenta (50%)
- Yellow (0%)
- Black (43%)



- Cyan (45%)
- Magenta (71%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.2410, 21.5732, 33.9916 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 101.2410, 21.5732, 33.9916 by changing the saturation by 10% instead.



101.2410, 21.5732,  
33.9916

101.2410, 21.5732,  
33.9916

255.0000, 0.0000,  
0.0000

75.5290, 21.4312,  
32.8621

153.7790, 22.2940,  
36.1508

50.5290, 21.4312,  
32.8621

181.4910, 22.4359,  
37.2804

26.8170, 21.2892,  
31.7325

209.2030, 22.5779,  
38.4100

17.7310, 14.9226,  
20.4069

226.2370, 14.1802,  
25.2252

2.9640, 11.3567,  
-2.5994

243.2600, 5.7878,  
10.2960

0.0000, 0.0000,  
0.0000

101.2410, 21.5732,  
33.9916

101.2410, 21.5732,  
33.9916

92.7240, 25.7721,  
40.5841

110.3450, 17.0849,  
26.8844

83.6200, 30.2603,  
47.6913

118.8620, 12.8860,  
20.2920

74.5160, 34.7486,  
54.7985

127.3790, 8.6872,  
13.6996

65.9990, 38.9475,  
61.3909

136.4830, 4.1989,  
6.5924

56.8950, 43.4358,  
68.4981


145.5870, -0.2894,  
-0.5148

154.1040, -4.4883,  
-7.1072

163.2080, -8.9765,  
-14.2144

171.7250,

-13.1754, -20.8068

 180.2420,  
-17.3743, -27.3992

# Harmonies

## Analogous

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



98.3260, 35.8283, -11.6869



101.2410, 21.5732, 33.9916



97.0520, 4.9044, 60.4674

# Triad

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



101.2410, 21.5732, 33.9916



92.7100, -43.7340, 27.4413



83.6130, 23.3618, -73.3286

# Complementary

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



101.2410, 21.5732, 33.9916



116.7590, -21.5732, -33.9916

# 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.



78.9390, 5.4531, -69.2295



101.2410, 21.5732, 33.9916



89.6460, -36.8005, -3.1975

# Square

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



101.2410, 21.5732, 33.9916



95.2950, -30.7114, 50.6073



80.4030, -14.9887, -45.9574



85.5000, 38.2075, -74.9835



# Rectangle

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



101.2410, 21.5732, 33.9916



95.2840, -7.0420, 65.5259



80.4030, -14.9887, -45.9574



82.1310, 17.6834, -72.0289

# Sweetspot

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



101.2410, 21.5732, 33.9916



171.3790, 8.6872, 13.6996



84.7300, 29.7131, -10.2872



83.7220, 5.0671, 8.1368



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.



101.2410, 21.5732, 33.9916



119.6900, 34.1698, 53.7689



99.3160, 7.7322, 40.0649



66.8910, 2.0257, 3.6036



53.0640, 40.3944, 63.9649



3.0050, 2.4625, 3.5036



# Inverse Universe

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



95.0980, -8.4293, 43.7641



109.9980, -13.3100, 69.2848



118.6840, -7.7322, -40.0649



66.2070, -0.5951, 4.2035



41.3910, -15.9688, 82.0951



2.5060, -0.7425, 4.8182



# Previews

## White Background



This preview shows how the YUV color 101.2410, 21.5732, 33.9916 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 101.2410, 21.5732, 33.9916 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

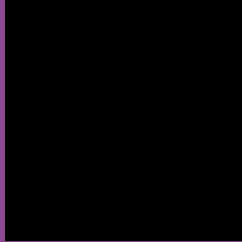
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 101.2410, 21.5732, 33.9916

## Background



This preview shows how black text looks on a background with the YUV color 101.2410, 21.5732, 33.9916.



This preview shows how white text looks on a background with the YUV color 101.2410, 21.5732, 33.9916.



# 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

101.2410, 21.5732, 33.9916

### Protanopia

97.0920, 33.9716, -22.8827

### Deuteranopia

98.6020, 20.4092, -12.8060



## Tritanopia

100.7370, -4.3073, 28.2947

# Trichromacy



## Original Color

101.2410, 21.5732, 33.9916

## Protanomaly

98.3720, 29.3966, -2.0802

## Deuteranomaly

99.5270, 20.9392, 3.9228

## Tritanomaly

100.8650, 4.9966, 30.8134

# Monochromacy



## Original Color

101.2410, 21.5732, 33.9916

## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

101.1400, 7.8190, 12.1552

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.2410, 21.5732, 33.9916 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, 73, 145)` looks like.

```
.text, #text, p{  
    color:rgb(140, 73, 145)  
}
```

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, 73, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 73, 145) }
```

## Border

The CSS property to change the border of an element to YUV 101.2410, 21.5732, 33.9916 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, 73, 145) }
```



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

```
.border{ border-color:rgb(140, 73, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 73, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 73, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 73, 145);  
box-shadow:4px 4px 4px 4px rgb(140, 73,  
145) }
```

# Background

The CSS property to change the background color of an element to YUV 101.2410, 21.5732, 33.9916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 73, 145) }
```

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

```
.background{ background-color: rgb(140, 73,  
145) }
```

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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