

# Converting Colors

YUV(99.3610, 22.9930, 45.2874)

Have a look what the booklet for  
YUV(99.3610, 22.9930, 45.2874)  
contains.

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# Color

**YUV(99.3610, 22.9930,  
45.2874)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	974092
RGB	151, 64, 146
RGB Percent	59%, 25%, 57%
CMY	0.4078, 0.7490, 0.4275
CMYK	0.00, 0.58, 0.03, 0.41
HSL	303°, 40%, 42%
HSV	303°, 58%, 59%
XYZ	19.7842, 12.3214, 28.5297
YIQ	99.3610, 25.5300, 43.9460

# Conversions

## Conversions Part 2

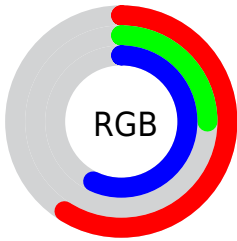
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	151, 64, 146
Decimal	9912466
CIE Lab	41.72, 47.52, -28.46
CIE LCh	42, 55.388, 329.083
Yxy	12.3214, 0.3263, 0.2032
Android (android.graphics.Color)	4288102546 (0xFF974092)
YUV	99.3610, 22.9930, 45.2874
Hunter-Lab	35.1019, 39.1783, -23.6176

# Details

The YUV color **99.3610, 22.9930, 45.2874** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **115.6390, -22.9930, -45.2874**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.7850, 23.2770, 47.5466**, and **41.5940, 26.3292, 48.5911** is the 20% darker color. If you saturate the color by 10%, you get **90.4420, 26.8971, 53.1094**, and if you desaturate by 10%, it is **108.2800, 19.0890, 37.4654**.

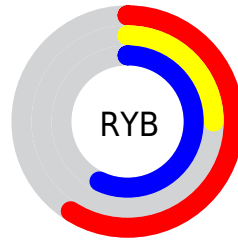
# Distribution



Red (59%)

Green (25%)

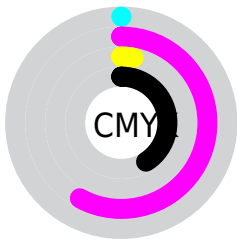
Blue (57%)



Red (59%)

Yellow (25%)

Blue (57%)

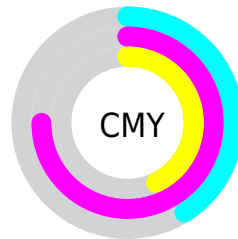


Cyan (0%)

Magenta (58%)

Yellow (3%)

Black (41%)



Cyan (41%)

Magenta (75%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 99.3610, 22.9930, 45.2874 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 99.3610, 22.9930, 45.2874 by changing the saturation by 10% instead.



99.3610, 22.9930,  
45.2874

99.3610, 22.9930,  
45.2874

255.0000, 0.0000,  
0.0000

72.4750, 23.4298,  
45.1874

152.7850, 23.2770,  
47.5466

41.5940, 26.3292,  
48.5911

180.4970, 23.4190,  
48.6761

29.3230, 20.5468,  
36.5507

205.6920, 24.3088,  
43.2431

19.8240, 13.8908,  
24.7104

222.1280, 16.2059,  
28.8287

7.2640, 9.7298,  
5.9075

238.5640, 8.1029,  
14.4144

0.0000, 0.0000,  
0.0000

99.3610, 22.9930,  
45.2874

99.3610, 22.9930,  
45.2874

90.4420, 26.8971,  
53.1094

108.2800, 19.0890,  
37.4654

81.5230, 30.8012,  
60.9313

117.1990, 15.1849,  
29.6435

72.6040, 34.7052,  
68.7533

126.1180, 11.2808,  
21.8215

63.7990, 39.0461,  
76.4753

134.9230, 6.9400,  
14.0995

61.3370, 39.7669,  
78.6345


143.8420, 3.0359,  
6.2776

153.3480, -1.1576,  
-2.0592

162.2670, -5.0616,  
-9.8812

171.1860, -8.9657,

-17.7031

 180.1050,  
-12.8698, -25.5251

# Harmonies

## Analogous

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



98.9830, 39.4484, -6.1241



99.3610, 22.9930, 45.2874



92.4280, 4.7190, 73.2926

# Triad

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



99.3610, 22.9930, 45.2874



92.2320, -45.4704, 24.3525



86.0410, 27.5878, -75.4580

# Complementary

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



99.3610, 22.9930, 45.2874



115.6390, -22.9930, -45.2874

# 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.



80.7970, 7.4951, -70.8590



99.3610, 22.9930, 45.2874



85.8210, -42.3098, -9.4900

# Square

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



99.3610, 22.9930, 45.2874



93.0260, -39.4528, 54.3512



73.5640, -12.6031, -64.5156



87.5690, 43.5965, -76.7980



# Rectangle

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



99.3610, 22.9930, 45.2874



91.3670, -9.5479, 75.9771



73.5640, -12.6031, -64.5156



84.3310, 21.0358, -73.9583

# Sweetspot

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



99.3610, 22.9930, 45.2874



176.4010, 8.6763, 17.1883



75.1140, 37.4118, -6.2390



87.7330, 5.0616, 9.8812



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



99.3610, 22.9930, 45.2874



115.9570, 36.0102, 70.1977



94.4590, 4.2107, 49.5865



72.1900, 1.8783, 4.2184



56.9080, 37.0204, 72.8717



5.2550, 3.3253, 6.7924



# Inverse Universe

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



99.3610, 22.9930, 45.2874



115.9570, 36.0102, 70.1977



120.5410, -4.2107, -49.5865



72.1900, 1.8783, 4.2184



56.9080, 37.0204, 72.8717



5.2550, 3.3253, 6.7924



# Previews

## White Background



This preview shows how the YUV color 99.3610, 22.9930, 45.2874 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 99.3610, 22.9930, 45.2874 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

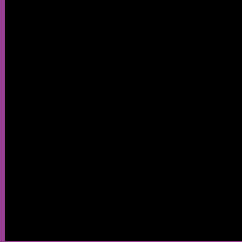
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 99.3610, 22.9930, 45.2874

## Background



This preview shows how black text looks on a background with the YUV color 99.3610, 22.9930, 45.2874.



This preview shows how white text looks on a background with the YUV color 99.3610, 22.9930,

45.2874.

# 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

99.3610, 22.9930, 45.2874

### Protanopia

95.6120, 38.6453, -28.6007

### Deuteranopia

98.6020, 20.4092, -12.8060



## Tritanopia

99.8200, -6.8133, 38.7459

# Trichromacy



## Original Color

99.3610, 22.9930, 45.2874

## Protanomaly

96.9960, 33.0330, -1.7505

## Deuteranomaly

98.9620, 21.2177, 7.9263

## Tritanomaly

99.7030, 4.0904, 41.4795

# Monochromacy



## Original Color

99.3610, 22.9930, 45.2874

## Achromatopsia

99.0000, 0.0000, 0.0000

## Achromatomaly

98.9880, 8.3869, 16.6735

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 99.3610, 22.9930, 45.2874 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(151, 64, 146)` looks like.

```
.text, #text, p{  
    color:rgb(151, 64, 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(151, 64, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 64, 146) }
```

## Border

The CSS property to change the border of an element to YUV 99.3610, 22.9930, 45.2874 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(151, 64, 146) }
```



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

```
.border{ border-color:rgb(151, 64, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 64, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 64, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 64, 146);  
box-shadow:4px 4px 4px 4px rgb(151, 64,  
146) }
```

# Background

The CSS property to change the background color of an element to YUV 99.3610, 22.9930, 45.2874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 64, 146) }
```

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

```
.background{ background-color: rgb(151, 64,  
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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