

# Converting Colors

YUV(102.8200, 13.3997,  
42.2539)

Have a look what the booklet for  
YUV(102.8200, 13.3997, 42.2539)  
contains.

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# Color

**YUV(102.8200, 13.3997,  
42.2539)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	974982
RGB	151, 73, 130
RGB Percent	59%, 29%, 51%
CMY	0.4078, 0.7137, 0.4902
CMYK	0.00, 0.52, 0.14, 0.41
HSL	316°, 35%, 44%
HSV	316°, 52%, 59%
XYZ	19.1743, 12.9561, 22.6093
YIQ	102.8200, 28.1910, 34.2630

# Conversions

## Conversions Part 2

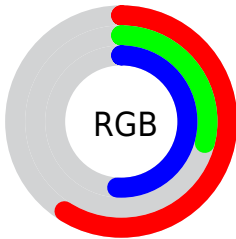
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 73, 130
Decimal	9914754
CIE Lab	42.70, 40.24, -17.23
CIE LCh	43, 43.774, 336.819
Yxy	12.9561, 0.3503, 0.2367
Android (android.graphics.Color)	4288104834 (0xFF974982)
YUV	102.8200, 13.3997, 42.2539
Hunter-Lab	35.9946, 32.0964, -12.0456

# Details

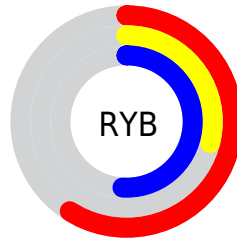
The YUV color **102.8200, 13.3997, 42.2539** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **121.1800, -13.3997, -42.2539**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.1300, 13.2469, 44.6130**, and **50.8630, 14.8575, 41.3391** is the 20% darker color. If you saturate the color by 10%, you get **93.5590, 15.9934, 50.3758**, and if you desaturate by 10%, it is **112.0810, 10.8061, 34.1320**.

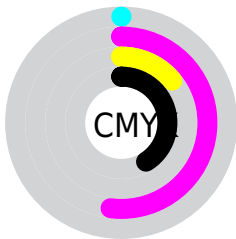
# Distribution



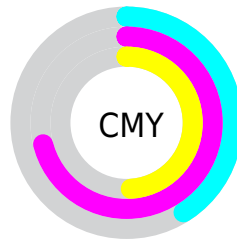
- Red (59%)
- Green (29%)
- Blue (51%)



- Red (59%)
- Yellow (29%)
- Blue (51%)



- Cyan (0%)
- Magenta (52%)
- Yellow (14%)
- Black (41%)




- Cyan (41%)
- Magenta (71%)
- Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 102.8200, 13.3997, 42.2539 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 102.8200, 13.3997, 42.2539 by changing the saturation by 10% instead.





 102.8200, 13.3997,  
42.2539


 102.8200, 13.3997,  
42.2539


255.0000, 0.0000,  
0.0000

 77.2220, 13.6946,  
41.0243


 156.1300, 13.2469,  
44.6130


 50.8630, 14.8575,  
41.3391


 183.2550, 13.6783,  
46.2574


 28.0260, 14.2842,  
38.5652

 208.5640, 15.0049,  
40.7244

 18.7550, 8.5018,  
26.5249

 226.8240, 13.8908,  
24.7104

 6.1520, 2.8831,  
8.6367

 243.2600, 5.7878,  
10.2960

 0.0000, 0.0000,  
0.0000

■ 102.8200, 13.3997,  
42.2539

■ 102.8200, 13.3997,  
42.2539

■ 93.5590, 15.9934,  
50.3758

■ 112.0810, 10.8061,  
34.1320

■ 84.2980, 18.5871,  
58.4977

■ 121.3420, 8.2124,  
26.0101

■ 75.0370, 21.1808,  
66.6196

■ 130.6030, 5.6187,  
17.8882

■ 65.7760, 23.7744,  
74.7414

■ 139.8640, 3.0250,  
9.7663

■ 57.6890, 25.7893,  
81.8337

■ 149.1250, 0.4314,  
1.6444

■ 158.9730, -2.4517,  
-6.9923

■ 168.2340, -5.0454,  
-15.1142

■ 177.6090, -7.2022,

-23.3361

■ 186.8700, -9.7959,  
-31.4580

# Harmonies

## Analogous

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



103.5690, 27.3275, 8.2710



102.8200, 13.3997, 42.2539



99.6790, -2.7997, 58.1635

# Triad

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



102.8200, 13.3997, 42.2539



95.7560, -36.8547, 14.2460



84.9810, 28.6034, -74.5283

# Complementary

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



102.8200, 13.3997, 42.2539



121.1800, -13.3997, -42.2539

# 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.



81.5780, 13.0260, -71.5439



102.8200, 13.3997, 42.2539



91.7290, -25.9954, -15.5483

# Square

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



102.8200, 13.3997, 42.2539



98.3490, -32.7101, 38.2819



76.1860, -2.5567, -66.8151



84.7820, 40.5335, -74.3538



# Rectangle

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



102.8200, 13.3997, 42.2539



98.9920, -14.2931, 57.8890



76.1860, -2.5567, -66.8151



84.3140, 23.5092, -73.9434

# Sweetspot

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



102.8200, 13.3997, 42.2539



178.0650, 4.8980, 15.7290



88.1710, 30.9747, 5.1120



88.5650, 3.1725, 9.1515



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.



102.8200, 13.3997, 42.2539



121.3250, 21.0388, 65.4900



98.3740, -3.6354, 46.1530



71.9620, 1.0047, 4.4183



53.4880, 23.9164, 75.8710



4.9130, 2.0149, 7.0923



# Inverse Universe

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



102.8200, 13.3997, 42.2539



121.3250, 21.0388, 65.4900



125.6260, 3.6354, -46.1530



71.9620, 1.0047, 4.4183



53.4880, 23.9164, 75.8710

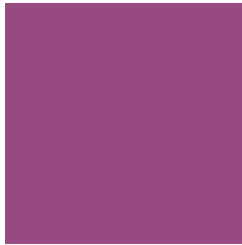


4.9130, 2.0149, 7.0923



# Previews

## White Background



This preview shows how the YUV color 102.8200, 13.3997, 42.2539 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

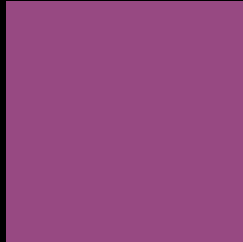
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 102.8200, 13.3997, 42.2539 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

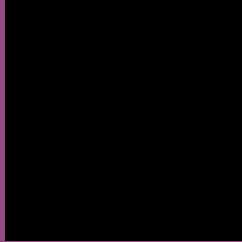
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 102.8200, 13.3997, 42.2539

## Background



This preview shows how black text looks on a background with the YUV color 102.8200, 13.3997, 42.2539.



This preview shows how white text looks on a background with the YUV color 102.8200, 13.3997,



# 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

102.8200, 13.3997, 42.2539

### Protanopia

100.9160, 24.1984, -14.8353

### Deuteranopia

102.0780, 11.7935, -2.6994



## Tritanopia

102.1190, -6.9607, 39.3606

# Trichromacy



## Original Color

102.8200, 13.3997, 42.2539

## Protanomaly

101.4240, 20.4970, 5.7672

## Deuteranomaly

102.5900, 12.0341, 13.5146

## Tritanomaly

102.3670, 0.3121, 40.0201

# Monochromacy



## Original Color

102.8200, 13.3997, 42.2539

## Achromatopsia

103.0000, 0.0000, 0.0000

## Achromatomaly

102.7660, 5.0454, 15.1142

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 102.8200, 13.3997, 42.2539 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, 73, 130)` looks like.

```
.text, #text, p{  
    color:rgb(151, 73, 130)  
}
```

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, 73, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 73, 130) }
```

## Border

The CSS property to change the border of an element to YUV 102.8200, 13.3997, 42.2539 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, 73, 130) }
```



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

```
.border{ border-color:rgb(151, 73, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 73, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 73, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 73, 130); box-shadow:4px 4px 4px 4px rgb(151, 73, 130) }
```

# Background

The CSS property to change the background color of an element to YUV 102.8200, 13.3997, 42.2539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 73, 130) }
```

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

```
.background{ background-color: rgb(151, 73,  
130) }
```

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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