

# Converting Colors

YUV(93.3730, 38.2701, 45.2769)

Have a look what the booklet for  
YUV(93.3730, 38.2701, 45.2769)  
contains.

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# Color

**YUV(93.3730, 38.2701,  
45.2769)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9134AB
RGB	145, 52, 171
RGB Percent	57%, 20%, 67%
CMY	0.4314, 0.7961, 0.3294
CMYK	0.15, 0.70, 0.00, 0.33
HSL	287°, 53%, 44%
HSV	287°, 70%, 67%
XYZ	20.2557, 11.4160, 39.6640
YIQ	93.3730, 17.2290, 56.7250

# Conversions

## Conversions Part 2

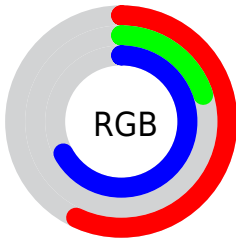
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 52, 171
Decimal	9516203
CIE <sub>Lab</sub>	40.27, 56.10, -45.82
CIE <sub>LCh</sub>	40, 72.434, 320.764
Yxy	11.4160, 0.2839, 0.1600
Android (android.graphics.Color)	4287706283 (0xFF9134AB)
YUV	93.3730, 38.2701, 45.2769
Hunter-Lab	33.7876, 47.8829, -45.9506

# Details

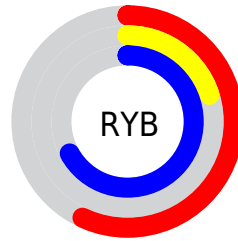
The YUV color **93.3730, 38.2701, 45.2769** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **129.6270, -38.2701, -45.2769**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4980, 38.7015, 46.9213**, and **40.3620, 38.2755, 43.5325** is the 20% darker color. If you saturate the color by 10%, you get **82.1980, 43.7794, 51.5694**, and if you desaturate by 10%, it is **104.5480, 32.7608, 38.9844**.

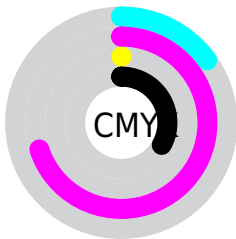
# Distribution



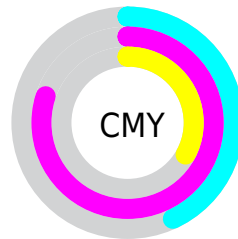
- Red (57%)
- Green (20%)
- Blue (67%)



- Red (57%)
- Yellow (20%)
- Blue (67%)



- Cyan (15%)
- Magenta (70%)
- Yellow (0%)
- Black (33%)



- Cyan (43%)
- Magenta (80%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 93.3730, 38.2701, 45.2769 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 93.3730, 38.2701, 45.2769 by changing the saturation by 10% instead.



93.3730, 38.2701,  
45.2769

93.3730, 38.2701,  
45.2769

255.0000, 0.0000,  
0.0000

63.7260, 39.5751,  
46.7213

148.4980, 38.7015,  
46.9213

40.3620, 38.2755,  
43.5325

176.2100, 38.8435,  
48.0508

29.4390, 31.3356,  
29.4330

199.8220, 27.2028,  
48.3911

20.1250, 24.0954,  
18.3074

216.2580, 19.0998,  
33.9767

5.1300, 19.6559,  
-4.4990

233.2810, 10.7075,  
19.0476

3.2090, 9.7570,  
-2.8143

250.3040, 2.3151,

0.0000, 0.0000,

4.1184

0.0000

■ 93.3730, 38.2701,  
45.2769

■ 93.3730, 38.2701,  
45.2769

■ 82.1980, 43.7794,  
51.5694

■ 104.5480, 32.7608,  
38.9844

■ 71.3220, 49.1413,  
58.4766

■ 115.4240, 27.3990,  
32.0772

■ 60.1470, 54.6505,  
64.7691

■ 126.5990, 21.8897,  
25.7847

■ 59.5600, 54.9399,  
65.2839

■ 137.7740, 16.3804,  
19.4922

■ 148.9490, 10.8711,  
13.1997

■ 160.4120, 5.2199,  
5.7777

■ 171.5870, -0.2894,  
-0.5148

■ 182.7620, -5.7987,  
-6.8073

■ 193.9370,  
-11.3079, -13.0997

# Harmonies

## Analogous

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



75.3680, 65.3876, -66.0977



93.3730, 38.2701, 45.2769



69.4360, 22.9561, 103.9806

# Triad

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



93.3730, 38.2701, 45.2769



89.9500, -44.3453, 36.8779



85.3570, 24.9670, -74.8581

# Complementary

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



93.3730, 38.2701, 45.2769



129.6270, -38.2701, -45.2769

# 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.



77.7020, -1.8251, -68.1447



93.3730, 38.2701, 45.2769



84.3700, -41.5944, -5.5865

# Square

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



93.3730, 38.2701, 45.2769



83.7130, -41.2705, 77.4277



66.9180, -32.9906, -58.6871



89.9970, 47.8225, -78.9274



# Rectangle

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



93.3730, 38.2701, 45.2769



67.0830, 4.8891, 112.1832



66.9180, -32.9906, -58.6871



83.0770, 16.2310, -72.8585

# Sweetspot

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



93.3730, 38.2701, 45.2769



191.4210, 15.0754, 18.0478



82.0020, 43.8760, -26.3118



93.7700, 8.9874, 10.7257



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



93.3730, 38.2701, 45.2769



99.9720, 60.1598, 71.0616



97.4990, 20.4600, 64.4604



81.1190, 2.8993, 3.4036



52.3820, 48.1257, 57.5470



8.0040, 7.3930, 8.7665



# Inverse Universe

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



90.5450, -6.1847, 70.5590



95.5870, -9.6564, 110.8642



125.5010, -20.4600, -64.4604



80.9190, -0.4531, 5.3330



48.6120, -7.6967, 88.9173



7.4470, -1.2064, 13.6400



# Previews

## White Background



This preview shows how the YUV color 93.3730, 38.2701, 45.2769 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 93.3730, 38.2701, 45.2769 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

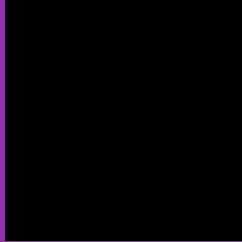
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 93.3730, 38.2701, 45.2769

## Background



This preview shows how black text looks on a background with the YUV color 93.3730, 38.2701, 45.2769.



This preview shows how white text looks on a background with the YUV color 93.3730, 38.2701,



# 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

93.3730, 38.2701, 45.2769

### Protanopia

76.3480, 58.9884, -66.9572

### Deuteranopia

88.9760, 36.4938, -38.5670



## Tritanopia

96.5310, -5.1918, 31.9833

# Trichromacy



**Original Color**

93.3730, 38.2701, 45.2769

**Protanomaly**

82.3640, 51.5855, -25.7522

**Deuteranomaly**

90.6900, 37.1278, -8.4981

**Tritanomaly**

95.3910, 10.6532, 36.4911

# Monochromacy



**Original Color**

93.3730, 38.2701, 45.2769

**Achromatopsia**

93.0000, 0.0000, 0.0000

**Achromatomaly**

93.0680, 13.7705, 16.6034

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.3730, 38.2701, 45.2769 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(145, 52, 171)` looks like.

```
.text, #text, p{  
    color:rgb(145, 52, 171)  
}
```

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(145, 52, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 52, 171) }
```

## Border

The CSS property to change the border of an element to YUV 93.3730, 38.2701, 45.2769 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(145, 52, 171) }
```



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

```
.border{ border-color:rgb(145, 52, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 52, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 52, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 52, 171);  
box-shadow:4px 4px 4px 4px rgb(145, 52,  
171) }
```

# Background

The CSS property to change the background color of an element to YUV 93.3730, 38.2701, 45.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 52, 171) }
```

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

```
.background{ background-color: rgb(145, 52,  
171) }
```

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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