

# Converting Colors

YUV(79.2640, 60.5088, 52.3885)

Have a look what the booklet for  
YUV(79.2640, 60.5088, 52.3885)  
contains.

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# Color

**YUV(79.2640, 60.5088,  
52.3885)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B19CA
RGB	139, 25, 202
RGB Percent	55%, 10%, 79%
CMY	0.4549, 0.9020, 0.2078
CMYK	0.31, 0.88, 0.00, 0.21
HSL	279°, 78%, 45%
HSV	279°, 88%, 79%
XYZ	21.6558, 10.4485, 56.7525
YIQ	79.2640, 11.1270, 79.2150

# Conversions

## Conversions Part 2

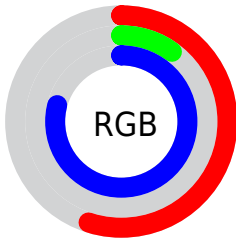
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 25, 202
Decimal	9116106
CIE <sub>Lab</sub>	38.64, 69.89, -66.76
CIE <sub>LCh</sub>	39, 96.646, 316.313
Yxy	10.4485, 0.2437, 0.1176
Android (android.graphics.Color)	4287306186 (0xFF8B19CA)
YUV	79.2640, 60.5088, 52.3885
Hunter-Lab	32.3241, 63.0200, -81.4704

# Details

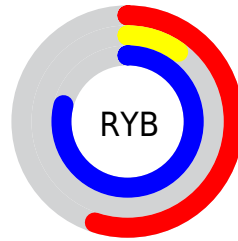
The YUV color **79.2640, 60.5088, 52.3885** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **147.7360, -60.5088, -52.3885**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5150, 56.4411, 50.4143**, and **40.6780, 52.4167, 34.4854** is the 20% darker color. If you saturate the color by 10%, you get **65.4310, 67.3285, 58.3810**, and if you desaturate by 10%, it is **93.0970, 53.6892, 46.3959**.

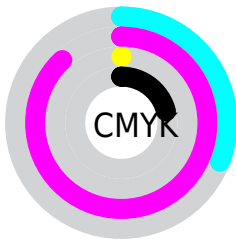
# Distribution



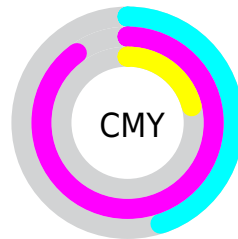
- Red (55%)
- Green (10%)
- Blue (79%)



- Red (55%)
- Yellow (10%)
- Blue (79%)



- Cyan (31%)
- Magenta (88%)
- Yellow (0%)
- Black (21%)




- Cyan (45%)
- Magenta (90%)
- Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 79.2640, 60.5088, 52.3885 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 79.2640, 60.5088, 52.3885 by changing the saturation by 10% instead.





 79.2640, 60.5088,  
52.3885


 79.2640, 60.5088,  
52.3885


255.0000, 0.0000,  
0.0000

 52.7260, 59.7881,  
50.2293


 140.5150, 56.4411,  
50.4143


 40.6780, 52.4167,  
34.4854


 165.9210, 43.9159,  
54.4433


 28.6300, 45.0454,  
18.7415


 190.4300, 31.8330,  
56.6279

 15.5000, 38.7005,  
0.4385

 207.4530, 23.4407,  
41.6987

 7.8660, 30.1391,  
-6.8985

 223.8890, 15.3377,  
27.2843

 7.5920, 18.9351,  
-6.6582

 241.4990, 6.6560,

 3.3230, 10.1938,

11.8404

-2.9143

■ 0.0000, 0.0000,  
0.0000

■ 79.2640, 60.5088,  
52.3885

■ 79.2640, 60.5088,  
52.3885

■ 65.4310, 67.3285,  
58.3810

■ 93.0970, 53.6892,  
46.3959

■ 61.8980, 69.0703,  
59.7255

■ 106.9300, 46.8695,  
40.4034

■ 121.6490, 39.6130,  
34.5108

■ 135.4820, 32.7934,  
28.5183

■ 149.3150, 25.9737,  
22.5257

■ 163.1480, 19.1540,  
16.5332

■ 176.9810, 12.3344,  
10.5407

■ 191.7000, 5.0779,  
4.6481

■ 205.5330, -1.7418,  
-1.3444

# Harmonies

## Analogous

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



80.4010, 82.1333, -70.5117



79.2640, 60.5088, 52.3885



76.1150, 26.5653, 113.0321

# Triad

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



79.2640, 60.5088, 52.3885



85.5970, -42.1993, 48.5884



85.1290, 24.0934, -74.6581

# Complementary

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



79.2640, 60.5088, 52.3885



147.7360, -60.5088, -52.3885

# 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.



74.3790, -12.0188, -65.2304



79.2640, 60.5088, 52.3885



80.5160, -39.6944, -8.3455

# Square

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



79.2640, 60.5088, 52.3885



57.1090, -28.1547, 117.4224



65.7440, -32.4118, -57.6575



93.3370, 55.5429, -81.8565



# Rectangle

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



79.2640, 60.5088, 52.3885



74.1880, 2.3723, 126.1231



65.7440, -32.4118, -57.6575



81.3500, 12.1525, -71.3439

# Sweetspot

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



79.2640, 60.5088, 52.3885



209.0820, 22.6376, 19.2221



83.3330, 58.5028, -51.1580



100.0350, 13.7867, 11.3703



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



79.2640, 60.5088, 52.3885



78.1060, 87.2087, 75.3290



95.3650, 40.7391, 93.5189



94.9340, 3.4835, 2.6889



50.9170, 56.7359, 49.1848



11.8070, 12.9131, 11.5703



# Inverse Universe

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



85.1050, 1.4272, 102.5169



86.6190, 2.1598, 147.6701



131.6350, -40.7391, -93.5189



95.3320, -0.1637, 5.8478



56.3600, 1.3015, 96.1543



12.9580, 0.5137, 21.9618



# Previews

## White Background



This preview shows how the YUV color 79.2640, 60.5088, 52.3885 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

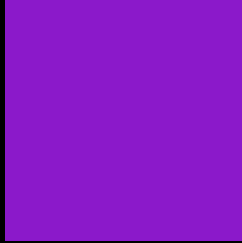
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 79.2640, 60.5088, 52.3885 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

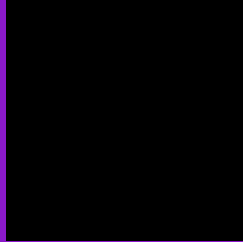
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 79.2640, 60.5088, 52.3885

## Background



This preview shows how black text looks on a background with the YUV color 79.2640, 60.5088, 52.3885.



This preview shows how white text looks on a background with the YUV color 79.2640, 60.5088,



# 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

79.2640, 60.5088, 52.3885

### Protanopia

73.5610, 55.9254, -64.5130

### Deuteranopia

73.6460, 43.5585, -64.5875



## Tritanopia

93.1600, -2.5439, 22.6617

# Trichromacy



## Original Color

79.2640, 60.5088, 52.3885

## Protanomaly

75.8790, 57.2477, -21.8189

## Deuteranomaly

75.9300, 49.8275, -21.8636

## Tritanomaly

88.1870, 20.1208, 33.1620

# Monochromacy



## Original Color

79.2640, 60.5088, 52.3885

## Achromatopsia

79.0000, 0.0000, 0.0000

## Achromatomaly

78.9680, 22.2008, 19.3221

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 79.2640, 60.5088, 52.3885 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(139, 25, 202)` looks like.

```
.text, #text, p{  
    color:rgb(139, 25, 202)  
}
```

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(139, 25, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 25, 202) }
```

## Border

The CSS property to change the border of an element to YUV 79.2640, 60.5088, 52.3885 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(139, 25, 202) }
```



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

```
.border{ border-color:rgb(139, 25, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 25, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 25, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 25, 202);  
box-shadow:4px 4px 4px 4px rgb(139, 25,  
202) }
```

# Background

The CSS property to change the background color of an element to YUV 79.2640, 60.5088, 52.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 25, 202) }
```

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

```
.background{ background-color: rgb(139, 25,  
202) }
```

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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