

# Converting Colors

YUV(62.7800, 44.4785, 60.7059)

Have a look what the booklet for  
YUV(62.7800, 44.4785, 60.7059)  
contains.

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# Color

**YUV(62.7800, 44.4785,  
60.7059)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	840A99
RGB	132, 10, 153
RGB Percent	52%, 4%, 60%
CMY	0.4824, 0.9608, 0.4000
CMYK	0.14, 0.93, 0.00, 0.40
HSL	291°, 88%, 32%
HSV	291°, 93%, 60%
XYZ	15.3740, 7.4225, 30.7594
YIQ	62.7800, 26.8090, 70.3370

# Conversions

## Conversions Part 2

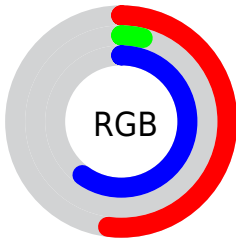
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 10, 153
Decimal	8653465
CIE <sub>Lab</sub>	32.75, 62.30, -47.18
CIE <sub>LCh</sub>	33, 78.148, 322.864
Yxy	7.4225, 0.2871, 0.1386
Android (android.graphics.Color)	4286843545 (0xFF840A99)
YUV	62.7800, 44.4785, 60.7059
Hunter-Lab	27.2443, 53.0504, -47.8686

# Details

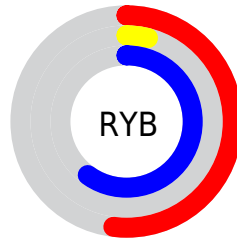
The YUV color **62.7800, 44.4785, 60.7059** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **100.2200, -44.4785, -60.7059**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.0090, 40.4216, 55.2431**, and **34.5370, 32.7663, 37.2401** is the 20% darker color. If you saturate the color by 10%, you get **56.6110, 47.5198, 65.2392**, and if you desaturate by 10%, it is **72.1830, 39.8428, 54.2135**.

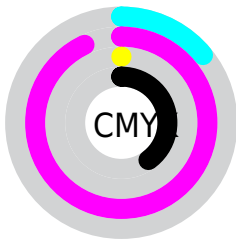
# Distribution



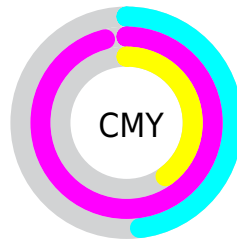
- Red (52%)
- Green (4%)
- Blue (60%)



- Red (52%)
- Yellow (4%)
- Blue (60%)



- Cyan (14%)
- Magenta (93%)
- Yellow (0%)
- Black (40%)



- Cyan (48%)
- Magenta (96%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 62.7800, 44.4785, 60.7059 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 62.7800, 44.4785, 60.7059 by changing the saturation by 10% instead.



62.7800, 44.4785,  
60.7059

62.7800, 44.4785,  
60.7059

255.0000, 0.0000,  
0.0000

45.5740, 40.1430,  
51.2396

126.0090, 40.4216,  
55.2431

34.5370, 32.7663,  
37.2401

154.4220, 40.7110,  
55.7579

23.9130, 25.6789,  
23.7553

181.8800, 36.0482,  
57.9872

12.6200, 19.9073,  
8.2263

200.4090, 26.9134,  
47.8763


4.5940, 12.5252,  
-4.0289


216.8450, 18.8104,  
33.4619


0.0000, 0.0000,  
0.0000


233.8680, 10.4181,


18.5328


 250.8910, 2.0257,  
3.6036


 62.7800, 44.4785,  
60.7059


 62.7800, 44.4785,  
60.7059


 56.6110, 47.5198,  
65.2392

 72.1830, 39.8428,  
54.2135

 82.1730, 34.9177,  
47.2063

 91.8750, 30.1346,  
41.3286

 101.2780, 25.4989,  
34.8362

 110.6810, 20.8633,  
28.3438

■ 120.6710, 15.9382,  
21.3365

■ 130.3730, 11.1551,  
15.4589

■ 139.7760, 6.5194,  
8.9664

■ 149.7660, 1.5944,  
1.9592

# Harmonies

## Analogous

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



62.0320, 65.0602, -54.4021



62.7800, 44.4785, 60.7059



62.5570, 15.9944, 96.8585

# Triad

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



62.7800, 44.4785, 60.7059



73.0830, -36.0299, 29.7452



72.8360, 25.2239, -63.8772

# Complementary

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



62.7800, 44.4785, 60.7059



100.2200, -44.4785, -60.7059

# 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.



64.9530, -2.4418, -56.9638



62.7800, 44.4785, 60.7059



65.4210, -32.2526, -15.2782

# Square

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



62.7800, 44.4785, 60.7059



63.0470, -31.0822, 76.2578



56.3520, -27.7815, -49.4207



78.2910, 48.6635, -68.6612



# Rectangle

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



62.7800, 44.4785, 60.7059



59.3780, -2.6514, 104.0315



56.3520, -27.7815, -49.4207



70.4420, 16.0511, -61.7776

# Sweetspot

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



62.7800, 44.4785, 60.7059



163.7360, 17.3852, 23.9105



38.6290, 56.3849, -25.1076



78.1340, 10.2869, 13.9145



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.



62.7800, 44.4785, 60.7059



73.5160, 61.8636, 84.6165



63.3590, 19.5430, 78.6152



71.7060, 2.6099, 2.8888



51.8400, 43.4629, 59.7763



4.7710, 4.0569, 5.4628



# Inverse Universe

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



55.1510, -11.9064, 85.8136



62.8070, -16.6669, 119.4413



99.6410, -19.5430, -78.6152



71.5060, -0.7425, 4.8182



44.2540, -11.4642, 83.9692



4.1150, -1.0427, 7.7921



# Previews

## White Background



This preview shows how the YUV color 62.7800, 44.4785, 60.7059 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 ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

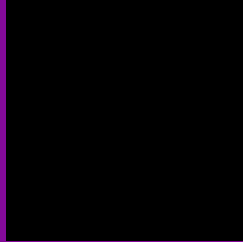
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 62.7800, 44.4785, 60.7059

## Background



This preview shows how black text looks on a background with the YUV color 62.7800, 44.4785, 60.7059.



This preview shows how white text looks on a background with the YUV color 62.7800, 44.4785,



# 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

62.7800, 44.4785, 60.7059

### Protanopia

62.9660, 48.3308, -55.2212

### Deuteranopia

63.8490, 39.0214, -55.9956



## Tritanopia

78.5100, -6.6604, 36.3867

# Trichromacy



## Original Color

62.7800, 44.4785, 60.7059

## Protanomaly

62.8880, 46.8902, -13.0568

## Deuteranomaly

63.3950, 41.2173, -13.5014

## Tritanomaly

72.7880, 11.9365, 44.9129

# Monochromacy



## Original Color

62.7800, 44.4785, 60.7059

## Achromatopsia

63.0000, 0.0000, 0.0000

## Achromatomaly

63.0840, 16.2276, 21.8513

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 62.7800, 44.4785, 60.7059 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(132, 10, 153)` looks like.

```
.text, #text, p{  
    color:rgb(132, 10, 153)  
}
```

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(132, 10, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 10, 153) }
```

## Border

The CSS property to change the border of an element to YUV 62.7800, 44.4785, 60.7059 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(132, 10, 153) }
```



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

```
.border{ border-color:rgb(132, 10, 153) }
```

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

Here you see how a box with a 4 pixel rgb(132, 10, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 10, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 10, 153);  
box-shadow:4px 4px 4px 4px rgb(132, 10,  
153) }
```

# Background

The CSS property to change the background color of an element to YUV 62.7800, 44.4785, 60.7059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 10, 153) }
```

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

```
.background{ background-color: rgb(132, 10,  
153) }
```

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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