

# Converting Colors

YUV(61.9850, 39.9404, 22.8152)

Have a look what the booklet for  
YUV(61.9850, 39.9404, 22.8152)  
contains.

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# Color

**YUV(61.9850, 39.9404,  
22.8152)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	58218F
RGB	88, 33, 143
RGB Percent	35%, 13%, 56%
CMY	0.6549, 0.8706, 0.4392
CMYK	0.38, 0.77, 0.00, 0.44
HSL	270°, 62%, 35%
HSV	270°, 77%, 56%
XYZ	9.5263, 5.1456, 26.4777
YIQ	61.9850, -2.5300, 45.8700

# Conversions

## Conversions Part 2

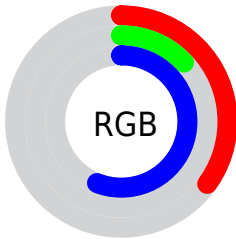
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 33, 143
Decimal	5775759
CIE <sub>Lab</sub>	27.15, 46.28, -50.45
CIE <sub>LCh</sub>	27, 68.461, 312.535
Yxy	5.1456, 0.2315, 0.1250
Android (android.graphics.Color)	4283965839 (0xFF58218F)
YUV	61.9850, 39.9404, 22.8152
Hunter-Lab	22.6839, 35.2657, -53.3274

# Details

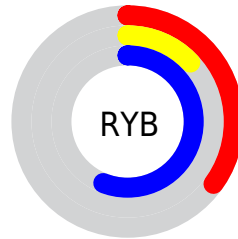
The YUV color **61.9850, 39.9404, 22.8152** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **114.0150, -39.9404, -22.8152**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.0500, 41.3873, 25.3892**, and **20.0560, 35.4684, 10.4749** is the 20% darker color. If you saturate the color by 10%, you get **51.6740, 45.0237, 25.7189**, and if you desaturate by 10%, it is **72.2960, 34.8571, 19.9114**.

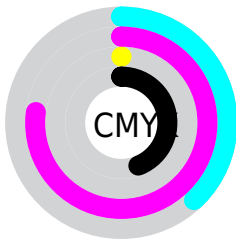
# Distribution



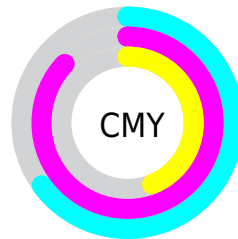
- Red (35%)
- Green (13%)
- Blue (56%)



- Red (35%)
- Yellow (13%)
- Blue (56%)



- Cyan (38%)
- Magenta (77%)
- Yellow (0%)
- Black (44%)



- Cyan (65%)
- Magenta (87%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 61.9850, 39.9404, 22.8152 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 61.9850, 39.9404, 22.8152 by changing the saturation by 10% instead.



61.9850, 39.9404,  
22.8152

61.9850, 39.9404,  
22.8152

255.0000, 0.0000,  
0.0000

33.3380, 41.2454,  
24.2596

114.0500, 41.3873,  
25.3892

20.0560, 35.4684,  
10.4749

140.8760, 41.9661,  
26.4187

7.9370, 29.1181,  
-6.0837

167.8160, 42.9817,  
27.3484

6.7770, 18.3509,  
-5.9434

192.3360, 30.8934,  
31.2773

3.0950, 9.3202,  
-2.7143

216.8450, 18.8104,  
33.4619

0.0000, 0.0000,  
0.0000

233.2810, 10.7075,

19.0476

250.3040, 2.3151,  
4.1184

61.9850, 39.9404,  
22.8152

61.9850, 39.9404,  
22.8152

51.6740, 45.0237,  
25.7189

72.2960, 34.8571,  
19.9114

40.7760, 50.3964,  
29.1374

83.1940, 29.4844,  
16.4929

37.8300, 51.8488,  
29.9671

93.5050, 24.4010,  
13.5891

104.1150, 19.1703,  
11.3001

114.4260, 14.0870,  
8.3964

■ 125.3240, 8.7143,  
4.9779

■ 135.6350, 3.6309,  
2.0741

■ 145.9460, -1.4524,  
-0.8296

■ 156.8440, -6.8251,  
-4.2482

# Harmonies

## Analogous

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



57.4210, 55.0084, -50.3582



61.9850, 39.9404, 22.8152



52.3200, 22.0272, 75.1414

# Triad

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



61.9850, 39.9404, 22.8152



60.4460, -29.7999, 38.1969



59.1120, 13.2558, -51.8412

# Complementary

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



61.9850, 39.9404, 22.8152



114.0150, -39.9404, -22.8152

# 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.



51.5540, -10.6261, -45.2129



61.9850, 39.9404, 22.8152



58.1440, -28.6650, 0.7507

# Square

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



61.9850, 39.9404, 22.8152



40.6640, -20.0474, 83.6097



45.7860, -22.5725, -40.1543



64.6980, 34.6589, -56.7401



# Rectangle

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



61.9850, 39.9404, 22.8152



51.6190, 5.1178, 85.4031



45.7860, -22.5725, -40.1543



56.3590, 5.2460, -49.4268

# Sweetspot

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



61.9850, 39.9404, 22.8152



154.4800, 15.5394, 9.2260



77.8250, 32.1313, -39.3115



74.8510, 9.4405, 5.3927



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



61.9850, 39.9404, 22.8152



60.2080, 62.0155, 35.7746



78.4300, 31.8330, 56.6279



65.9940, 2.4680, 1.7593



35.7220, 48.9441, 28.3078



2.1080, 2.9048, 1.6593



# Inverse Universe

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



72.1600, 7.8091, 62.1267



75.9330, 12.3580, 96.5288



97.5700, -31.8330, -56.6279



66.5490, 0.7153, 3.9035



48.1170, 9.8023, 76.1964

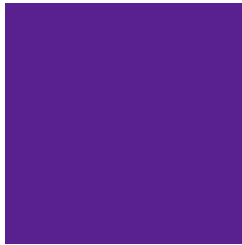


2.8480, 0.5679, 4.5183



# Previews

## White Background



This preview shows how the YUV color 61.9850, 39.9404, 22.8152 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



This preview shows how the YUV color 61.9850, 39.9404, 22.8152 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

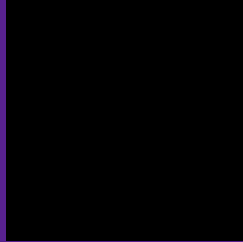
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 61.9850, 39.9404, 22.8152

## Background



This preview shows how black text looks on a background with the YUV color 61.9850, 39.9404, 22.8152.



This preview shows how white text looks on a background with the YUV color 61.9850, 39.9404,



# 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

61.9850, 39.9404, 22.8152

### Protanopia

52.0290, 39.4257, -45.6294

### Deuteranopia

52.4390, 30.8426, -45.9890



## Tritanopia

65.5600, 0.7099, 5.6479

# Trichromacy



## Original Color

61.9850, 39.9404, 22.8152

## Protanomaly

55.5960, 39.6392, -20.6937

## Deuteranomaly

56.1030, 33.9662, -21.1383

## Tritanomaly

64.0890, 15.2391, 12.1999

# Monochromacy



## Original Color

61.9850, 39.9404, 22.8152

## Achromatopsia

62.0000, 0.0000, 0.0000

## Achromatomaly

61.5400, 14.5238, 8.2964

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 61.9850, 39.9404, 22.8152 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(88, 33, 143)` looks like.

```
.text, #text, p{  
    color:rgb(88, 33, 143)  
}
```

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(88, 33, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 33, 143) }
```

## Border

The CSS property to change the border of an element to YUV 61.9850, 39.9404, 22.8152 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(88, 33, 143) }
```



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

```
.border{ border-color:rgb(88, 33, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 33, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 33, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 33, 143);  
box-shadow:4px 4px 4px 4px rgb(88, 33,  
143) }
```

# Background

The CSS property to change the background color of an element to YUV 61.9850, 39.9404, 22.8152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 33, 143) }
```

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

```
.background{ background-color: rgb(88, 33,  
143) }
```

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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