

# Converting Colors

YUV(67.7330, 28.7256, 26.5442)

Have a look what the booklet for  
YUV(67.7330, 28.7256, 26.5442)  
contains.

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# Color

**YUV(67.7330, 28.7256,  
26.5442)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	62297E
RGB	98, 41, 126
RGB Percent	38%, 16%, 49%
CMY	0.6157, 0.8392, 0.5059
CMYK	0.22, 0.67, 0.00, 0.51
HSL	280°, 51%, 33%
HSV	280°, 67%, 49%
XYZ	9.5958, 5.6889, 20.3310
YIQ	67.7330, 6.6870, 38.5190

# Conversions

## Conversions Part 2

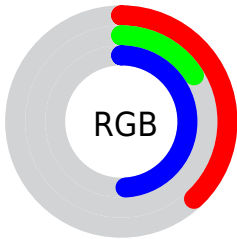
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 41, 126
Decimal	6433150
CIE Lab	28.61, 40.52, -37.39
CIE LCh	29, 55.136, 317.297
Yxy	5.6889, 0.2694, 0.1597
Android (android.graphics.Color)	4284623230 (0xFF62297E)
YUV	67.7330, 28.7256, 26.5442
Hunter-Lab	23.8514, 30.0736, -33.8428

# Details

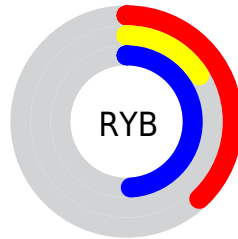
The YUV color **67.7330, 28.7256, 26.5442** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **99.2670, -28.7256, -26.5442**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.9720, 29.5938, 28.0886**, and **22.7170, 26.2685, 21.2962** is the 20% darker color. If you saturate the color by 10%, you get **58.9060, 33.0773, 30.7774**, and if you desaturate by 10%, it is **76.5600, 24.3739, 22.3109**.

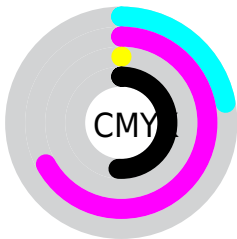
# Distribution



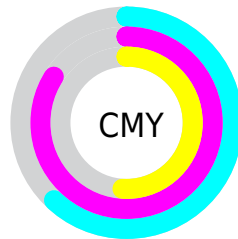
- Red (38%)
- Green (16%)
- Blue (49%)



- Red (38%)
- Yellow (16%)
- Blue (49%)



- Cyan (22%)
- Magenta (67%)
- Yellow (0%)
- Black (51%)



- Cyan (62%)
- Magenta (84%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 67.7330, 28.7256, 26.5442 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 67.7330, 28.7256, 26.5442 by changing the saturation by 10% instead.



67.7330, 28.7256,  
26.5442

67.7330, 28.7256,  
26.5442

255.0000, 0.0000,  
0.0000

41.8470, 29.1624,  
26.4442

118.9720, 29.5938,  
28.0886

22.7170, 26.2685,  
21.2962

145.2110, 30.4620,  
29.6330

14.1150, 19.1703,  
11.3001

172.0370, 31.0408,  
30.6626

4.7080, 12.9620,  
-4.1289

199.4240, 27.3990,  
32.0772

0.1140, 0.4368,  
-0.1000

220.9540, 16.7847,  
29.8583

0.0000, 0.0000,  
0.0000

237.9770, 8.3923,

14.9292

■ 67.7330, 28.7256,  
26.5442

■ 67.7330, 28.7256,  
26.5442

■ 58.9060, 33.0773,  
30.7774

■ 76.5600, 24.3739,  
22.3109

■ 50.6660, 37.1397,  
34.4959

■ 84.8000, 20.3116,  
18.5924

■ 41.8390, 41.4914,  
38.7292

■ 93.6270, 15.9599,  
14.3591

■ 39.4800, 42.6544,  
39.0440

■ 102.1660, 11.7502,  
11.2554

■ 110.9930, 7.3985,  
7.0221

■ 119.8200, 3.0467,  
2.7889

■ 128.0600, -1.0156,  
-0.9296

■ 136.8870, -5.3673,  
-5.1629

■ 145.1270, -9.4296,  
-8.8814

# Harmonies

## Analogous

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



54.6680, 46.9987, -47.9438



67.7330, 28.7256, 26.5442



51.1470, 17.6755, 70.9081

# Triad

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



67.7330, 28.7256, 26.5442



63.9350, -31.5200, 29.8750



60.3830, 15.5872, -52.9559

# Complementary

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



67.7330, 28.7256, 26.5442



99.2670, -28.7256, -26.5442

# 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.



54.6660, -3.7793, -47.9421



67.7330, 28.7256, 26.5442



61.0900, -30.1174, -0.0789

# Square

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



67.7330, 28.7256, 26.5442



58.8060, -28.9914, 58.9291



47.5470, -23.4407, -41.6987



64.1280, 32.4749, -56.2403



# Rectangle

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



67.7330, 28.7256, 26.5442



48.5860, 5.1341, 80.1701



47.5470, -23.4407, -41.6987



58.6730, 9.0352, -51.4562

# Sweetspot

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



67.7330, 28.7256, 26.5442



140.9270, 10.8820, 9.7110



67.1260, 29.0249, -22.9125



68.1670, 6.8197, 5.9925



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



67.7330, 28.7256, 26.5442



72.6590, 44.5381, 41.5181



74.5090, 18.4831, 45.1576



59.2930, 2.3206, 2.3740



40.3060, 43.2331, 40.0736



0.0000, 0.0000, 0.0000



# Inverse Universe

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



69.6070, -0.2993, 49.4567



75.4840, -0.2386, 76.7515



92.4910, -18.4831, -45.1576



59.3210, -0.1583, 4.1035



43.0600, -0.5226, 74.4924



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 67.7330, 28.7256, 26.5442 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 67.7330, 28.7256, 26.5442 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

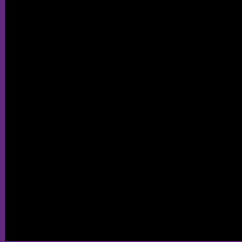
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 67.7330, 28.7256, 26.5442

## Background



This preview shows how black text looks on a background with the YUV color 67.7330, 28.7256, 26.5442.



This preview shows how white text looks on a background with the YUV color 67.7330, 28.7256,



# 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

67.7330, 28.7256, 26.5442

### Protanopia

54.7020, 42.0519, -47.9737

### Deuteranopia

60.5760, 29.7890, -34.7082



## Tritanopia

68.9420, -1.9434, 16.7139

# Trichromacy



## Original Color

67.7330, 28.7256, 26.5442

## Protanomaly

59.6130, 37.1658, -20.7086

## Deuteranomaly

63.3060, 29.4291, -12.5464

## Tritanomaly

68.5370, 9.1023, 20.5771

# Monochromacy



## Original Color

67.7330, 28.7256, 26.5442

## Achromatopsia

68.0000, 0.0000, 0.0000

## Achromatomaly

67.8130, 10.4452, 9.8110

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 67.7330, 28.7256, 26.5442 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(98, 41, 126)` looks like.

```
.text, #text, p{  
    color:rgb(98, 41, 126)  
}
```

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(98, 41, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 41, 126) }
```

## Border

The CSS property to change the border of an element to YUV 67.7330, 28.7256, 26.5442 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(98, 41, 126) }
```



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

```
.border{ border-color:rgb(98, 41, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 41, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 41, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 41, 126);  
box-shadow:4px 4px 4px 4px rgb(98, 41,  
126) }
```

# Background

The CSS property to change the background color of an element to YUV 67.7330, 28.7256, 26.5442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 41, 126) }
```

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

```
.background{ background-color: rgb(98, 41,  
126) }
```

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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