

# Converting Colors

YUV(66.3920, 29.3867, 47.8912)

Have a look what the booklet for  
YUV(66.3920, 29.3867, 47.8912)  
contains.

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# Color

**YUV(66.3920, 29.3867,  
47.8912)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	791B7E
RGB	121, 27, 126
RGB Percent	47%, 11%, 49%
CMY	0.5255, 0.8941, 0.5059
CMYK	0.04, 0.79, 0.00, 0.51
HSL	297°, 65%, 30%
HSV	297°, 79%, 49%
XYZ	12.0430, 6.3552, 20.3306
YIQ	66.3920, 24.2450, 50.7170

# Conversions

## Conversions Part 2

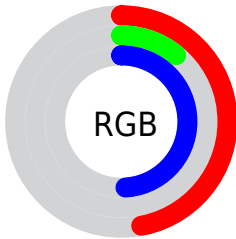
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 27, 126
Decimal	7936894
CIE <sub>Lab</sub>	30.29, 51.60, -34.50
CIE <sub>LCh</sub>	30, 62.071, 326.233
Yxy	6.3552, 0.3110, 0.1641
Android (android.graphics.Color)	4286126974 (0xFF791B7E)
YUV	66.3920, 29.3867, 47.8912
Hunter-Lab	25.2095, 41.1559, -30.1688

# Details

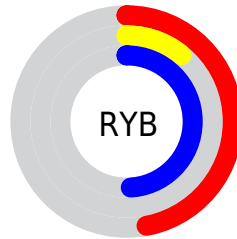
The YUV color **66.3920, 29.3867, 47.8912** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **86.6080, -29.3867, -47.8912**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.7510, 28.2238, 47.5764**, and **28.9960, 23.1730, 34.2065** is the 20% darker color. If you saturate the color by 10%, you get **58.4620, 33.2962, 53.9688**, and if you desaturate by 10%, it is **74.3220, 25.4773, 41.8136**.

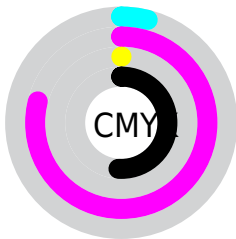
# Distribution



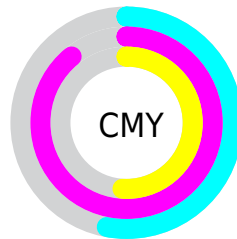
- Red (47%)
- Green (11%)
- Blue (49%)



- Red (47%)
- Yellow (11%)
- Blue (49%)



- Cyan (4%)
- Magenta (79%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (89%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 66.3920, 29.3867, 47.8912 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 66.3920, 29.3867, 47.8912 by changing the saturation by 10% instead.



66.3920, 29.3867,  
47.8912

66.3920, 29.3867,  
47.8912

255.0000, 0.0000,  
0.0000

39.6200, 30.2603,  
47.6913

121.7510, 28.2238,  
47.5764

28.9960, 23.1730,  
34.2065

148.8760, 28.6551,  
49.2207

19.7960, 16.3696,  
22.9809

176.5880, 28.7971,  
50.3503

5.0290, 12.8037,  
-0.0254

201.5830, 26.3346,  
46.8467

0.1140, 0.4368,  
-0.1000

218.0190, 18.2316,  
32.4323

0.0000, 0.0000,  
0.0000

234.4550, 10.1287,

18.0180

252.0650, 1.4470,  
2.5740

66.3920, 29.3867,  
47.8912

66.3920, 29.3867,  
47.8912

58.4620, 33.2962,  
53.9688

74.3220, 25.4773,  
41.8136

51.4180, 36.7689,  
60.1464

81.3660, 22.0046,  
35.6360

50.2440, 37.3477,  
61.1760

89.2960, 18.0951,  
29.5584

96.6390, 14.4750,  
23.9956

104.2700, 10.7129,  
17.3032

■ 112.2000, 6.8034,  
11.2256

■ 119.2440, 3.3307,  
5.0480

■ 127.1740, -0.5788,  
-1.0296

■ 134.5170, -4.1989,  
-6.5924

# Harmonies

## Analogous

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



66.0070, 46.3385, -22.8081



66.3920, 29.3867, 47.8912



53.6710, 12.9802, 83.6035

# Triad

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



66.3920, 29.3867, 47.8912



67.7230, -33.3874, 22.1679



66.2990, 23.0236, -58.1442

# Complementary

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



66.3920, 29.3867, 47.8912



86.6080, -29.3867, -47.8912

# 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.



60.1260, 1.9099, -52.7305



66.3920, 29.3867, 47.8912



61.6000, -30.3688, -12.8042

# Square

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



66.3920, 29.3867, 47.8912



64.3990, -31.7487, 56.6551



51.7530, -22.5562, -45.3874



69.5710, 40.6375, -61.0138



# Rectangle

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



66.3920, 29.3867, 47.8912



50.9200, -1.4396, 88.6472



51.7530, -22.5562, -45.3874



64.4750, 16.0348, -56.5446

# Sweetspot

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



66.3920, 29.3867, 47.8912



139.5090, 11.5811, 18.8476



42.3950, 41.2173, -13.5014



67.3140, 7.2402, 11.1256



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.



66.3920, 29.3867, 47.8912



70.7970, 45.4561, 73.8460



62.9850, 9.8674, 55.2642



59.5920, 2.1731, 2.9888



50.7710, 38.0739, 61.5908



0.0000, 0.0000, 0.0000



# Inverse Universe

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



57.1710, -12.4093, 60.3630



56.6590, -19.0589, 93.2611



90.0150, -9.8674, -55.2642



59.2070, -0.5951, 4.2035



38.9560, -16.2473, 78.0916



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 66.3920, 29.3867, 47.8912 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 66.3920, 29.3867, 47.8912 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

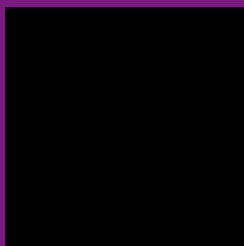
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 66.3920, 29.3867, 47.8912

## Background



This preview shows how black text looks on a background with the YUV color 66.3920, 29.3867, 47.8912.



This preview shows how white text looks on a background with the YUV color 66.3920, 29.3867,



# 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

66.3920, 29.3867, 47.8912

### Protanopia

58.0760, 44.8255, -50.9327

### Deuteranopia

69.5730, 24.3675, -22.4275



## Tritanopia

72.0970, -6.9498, 35.8719

# Trichromacy



## Original Color

66.3920, 29.3867, 47.8912

## Protanomaly

60.9280, 39.4755, -14.8459

## Deuteranomaly

68.3080, 26.4702, 3.2379

## Tritanomaly

69.9740, 6.4218, 40.3648

# Monochromacy



## Original Color

66.3920, 29.3867, 47.8912

## Achromatopsia

66.0000, 0.0000, 0.0000

## Achromatomaly

66.2700, 10.7129, 17.3032

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 66.3920, 29.3867, 47.8912 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(121, 27, 126)` looks like.

```
.text, #text, p{  
    color:rgb(121, 27, 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(121, 27, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 27, 126) }
```

## Border

The CSS property to change the border of an element to YUV 66.3920, 29.3867, 47.8912 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(121, 27, 126) }
```



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

```
.border{ border-color:rgb(121, 27, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 27, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 27, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 27, 126);  
box-shadow:4px 4px 4px 4px rgb(121, 27,  
126) }
```

# Background

The CSS property to change the background color of an element to YUV 66.3920, 29.3867, 47.8912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 27, 126) }
```

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

```
.background{ background-color: rgb(121, 27,  
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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