

# Converting Colors

YUV(127.6130, 0.6838, 60.8524)

Have a look what the booklet for  
YUV(127.6130, 0.6838, 60.8524)  
contains.

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# Color

**YUV(127.6130, 0.6838,  
60.8524)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C55C81
RGB	197, 92, 129
RGB Percent	77%, 36%, 51%
CMY	0.2275, 0.6392, 0.4941
CMYK	0.00, 0.53, 0.35, 0.23
HSL	339°, 48%, 57%
HSV	339°, 53%, 77%
XYZ	30.8156, 21.1096, 23.2193
YIQ	127.6130, 50.7030, 33.7670

# Conversions

## Conversions Part 2

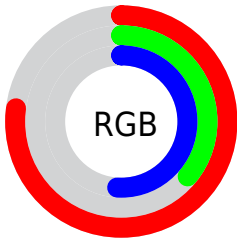
Format	Color
R <sub>Y</sub> B	197, 92, 129
Decimal	12934273
CIE Lab	53.07, 45.78, -0.40
CIE LCh	53, 45.779, 359.495
Yxy	21.1096, 0.4101, 0.2809
Android (android.graphics.Color)	4291124353 (0xFFC55C81)
YUV	127.6130, 0.6838, 60.8524
Hunter-Lab	45.9452, 39.3164, 2.1983

# Details

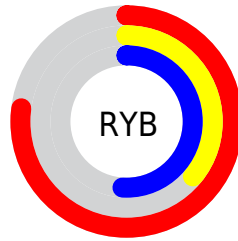
The YUV color **127.6130, 0.6838, 60.8524** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **161.3870, -0.6838, -60.8524**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.1080, -0.0532, 63.9263**, and **73.8730, 3.0206, 57.9934** is the 20% darker color. If you saturate the color by 10%, you get **114.3910, 0.7932, 72.4481**, and if you desaturate by 10%, it is **140.8350, 0.5743, 49.2567**.

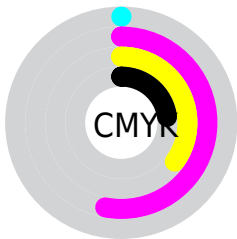
# Distribution



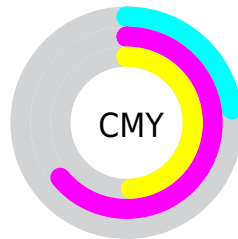
- Red (77%)
- Green (36%)
- Blue (51%)



- Red (77%)
- Yellow (36%)
- Blue (51%)



- Cyan (0%)
- Magenta (53%)
- Yellow (35%)
- Black (23%)




- Cyan (23%)
- Magenta (64%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 127.6130, 0.6838, 60.8524 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 127.6130, 0.6838, 60.8524 by changing the saturation by 10% instead.




 127.6130, 0.6838,  
60.8524

 127.6130, 0.6838,  
60.8524

255.0000, 0.0000,  
0.0000


 100.8300, 1.5628,  
58.9081


 182.1080, -0.0532,  
63.9263

 73.8730, 3.0206,  
57.9934


 201.6220, 3.6374,  
46.8125


 41.7470, 7.5197,  
61.6119

 221.3640, 8.2015,  
29.4988

 29.5190, 3.1951,  
48.6568

 240.3250, 7.2348,  
12.8700

 19.2370, -2.5818,  
34.8722

 8.7850, -3.8380,  
17.7286

 0.0000, 0.0000,

0.0000

■ 127.6130, 0.6838,  
60.8524

■ 127.6130, 0.6838,  
60.8524

■ 114.3910, 0.7932,  
72.4481

■ 140.8350, 0.5743,  
49.2567

■ 101.7560, 0.6133,  
83.5290

■ 153.4700, 0.7543,  
38.1758

■ 88.6480, 1.1595,  
95.0247

■ 166.5780, 0.2080,  
26.6801

■ 75.4260, 1.2690,  
106.6204

■ 179.8000, 0.0986,  
15.0844

■ 66.7690, 1.0999,  
114.2126

■ 193.0220, -0.0108,  
3.4887

■ 205.6570, 0.1691,  
-7.5922

■ 218.7650, -0.3771,  
-19.0879

■ 231.9870, -0.4866,  
-30.6836

■ 236.4040, 3.7448,  
-34.5573

# Harmonies

## Analogous

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



130.3510, 18.0680, 38.2802



127.6130, 0.6838, 60.8524



125.8140, -17.6563, 63.3071

# Triad

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



127.6130, 0.6838, 60.8524



118.8780, -31.9849, -7.7860



104.8830, 43.9347, -91.9824

# Complementary

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



127.6130, 0.6838, 60.8524



161.3870, -0.6838, -60.8524

# 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.



104.3980, 29.3838, -91.5570



127.6130, 0.6838, 60.8524



110.6740, -12.6573, -47.0721

# Square

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



127.6130, 0.6838, 60.8524



122.3550, -38.6290, 23.3677



99.9520, 12.3487, -87.6579



111.6290, 46.0319, -64.5726



# Rectangle

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



127.6130, 0.6838, 60.8524



125.5990, -28.3963, 54.7257



99.9520, 12.3487, -87.6579



105.1450, 39.8615, -92.2122

# Sweetspot

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



127.6130, 0.6838, 60.8524



227.9690, 0.5083, 23.7062



124.0030, 35.9875, 30.6924



111.5010, 0.2460, 14.4696



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.



127.6130, 0.6838, 60.8524



147.2350, 0.8701, 94.5099



131.6130, -19.5292, 57.3444



93.0330, -0.0163, 5.2331



55.3490, 1.3069, 94.4099



12.2460, 0.3717, 20.8323



# Inverse Universe

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



127.6130, 0.6838, 60.8524



147.2350, 0.8701, 94.5099



157.3870, 19.5292, -57.3444



93.0330, -0.0163, 5.2331



55.3490, 1.3069, 94.4099



12.2460, 0.3717, 20.8323



# Previews

## White Background



This preview shows how the YUV color 127.6130, 0.6838, 60.8524 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

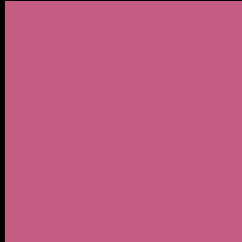
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 127.6130, 0.6838, 60.8524 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

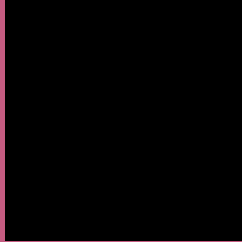
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 127.6130, 0.6838, 60.8524

## Background



This preview shows how black text looks on a background with the YUV color 127.6130, 0.6838, 60.8524.



This preview shows how white text looks on a background with the YUV color 127.6130, 0.6838,



# 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

127.6130, 0.6838, 60.8524

### Protanopia

127.8390, 10.9254, -4.2438

### Deuteranopia

128.4960, -2.2165, 10.9660



## Tritanopia

127.1000, -11.3883, 59.5483

# Trichromacy



## Original Color

127.6130, 0.6838, 60.8524

## Protanomaly

127.9560, 6.9237, 19.3326

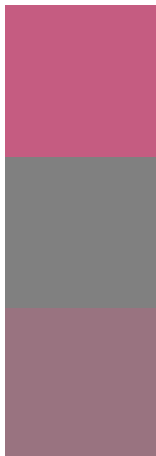
## Deuteranomaly

128.2470, -1.1078, 28.7244

## Tritanomaly

127.2510, -7.0257, 60.2929

# Monochromacy



## Original Color

127.6130, 0.6838, 60.8524

## Achromatopsia

128.0000, 0.0000, 0.0000

## Achromatomaly

127.8440, 0.0769, 22.0618

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.6130, 0.6838, 60.8524 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(197, 92, 129)` looks like.

```
.text, #text, p{  
    color:rgb(197, 92, 129)  
}
```

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(197, 92, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 92, 129) }
```

## Border

The CSS property to change the border of an element to YUV 127.6130, 0.6838, 60.8524 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(197, 92, 129) }
```



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

```
.border{ border-color:rgb(197, 92, 129) }
```

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

Here you see how a box with a 4 pixel rgb(197, 92, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 92, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 92, 129);  
box-shadow:4px 4px 4px 4px rgb(197, 92,  
129) }
```

# Background

The CSS property to change the background color of an element to YUV 127.6130, 0.6838, 60.8524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 92, 129) }
```

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

```
.background{ background-color: rgb(197, 92,  
129) }
```

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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