

# Converting Colors

YUV(121.2190, 11.7240,  
66.4599)

Have a look what the booklet for  
YUV(121.2190, 11.7240, 66.4599)  
contains.

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# Color

**YUV(121.2190, 11.7240,  
66.4599)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C54E91
RGB	197, 78, 145
RGB Percent	77%, 31%, 57%
CMY	0.2275, 0.6941, 0.4314
CMYK	0.00, 0.60, 0.26, 0.23
HSL	326°, 51%, 54%
HSV	326°, 60%, 77%
XYZ	30.8612, 19.3634, 28.8990
YIQ	121.2190, 49.4170, 46.0650

# Conversions

## Conversions Part 2

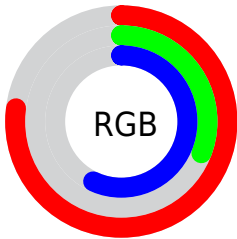
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 78, 145
Decimal	12930705
CIELab	51.11, 54.39, -12.82
CIELCh	51, 55.884, 346.734
Yxy	19.3634, 0.3900, 0.2447
Android (android.graphics.Color)	4291120785 (0xFFC54E91)
YUV	121.2190, 11.7240, 66.4599
Hunter-Lab	44.0039, 48.1803, -8.1352

# Details

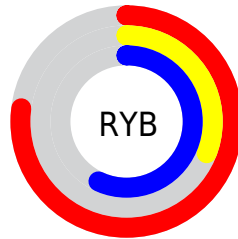
The YUV color **121.2190, 11.7240, 66.4599** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **153.7810, -11.7240, -66.4599**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.0020, 10.8450, 68.4042**, and **61.4950, 16.5180, 68.8489** is the 20% darker color. If you saturate the color by 10%, you get **108.4530, 13.5807, 77.6557**, and if you desaturate by 10%, it is **133.9850, 9.8674, 55.2642**.

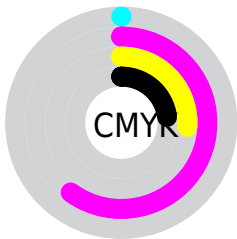
# Distribution



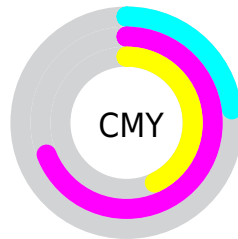
- Red (77%)
- Green (31%)
- Blue (57%)



- Red (77%)
- Yellow (31%)
- Blue (57%)



- Cyan (0%)
- Magenta (60%)
- Yellow (26%)
- Black (23%)




- Cyan (23%)
- Magenta (69%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 121.2190, 11.7240, 66.4599 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 121.2190, 11.7240, 66.4599 by changing the saturation by 10% instead.





 121.2190, 11.7240,  
66.4599


 121.2190, 11.7240,  
66.4599


255.0000, 0.0000,  
0.0000


 93.1480, 12.7450,  
65.6452

 177.0020, 10.8450,  
68.4042


 61.4950, 16.5180,  
68.8489


 196.6300, 14.9724,  
51.1905


 41.5820, 14.5031,  
61.7566


 216.2580, 19.0998,  
33.9767

 30.8870, 8.4367,  
47.4571

 233.2810, 10.7075,  
19.0476

 21.1320, 3.3859,  
34.0872

 250.3040, 2.3151,  
4.1184

 9.0840, -3.9854,  
18.3433

 0.0000, 0.0000,

0.0000

■ 121.2190, 11.7240,  
66.4599

■ 121.2190, 11.7240,  
66.4599

■ 108.4530, 13.5807,  
77.6557

■ 133.9850, 9.8674,  
55.2642

■ 96.3880, 15.5847,  
88.2367

■ 146.0500, 7.8634,  
44.6832

■ 83.6220, 17.4414,  
99.4325

■ 158.8160, 6.0067,  
33.4874

■ 71.5570, 19.4454,  
110.0135

■ 171.4680, 3.7133,  
22.3916

■ 184.2340, 1.8566,  
11.1958

■ 196.4130, 0.2894,  
0.5148

■ 209.0650, -2.0040,  
-10.5810

■ 221.8310, -3.8607,  
-21.7768

■ 233.8960, -5.8647,  
-32.3578

# Harmonies

## Analogous

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



125.6130, 30.7568, 28.4034



121.2190, 11.7240, 66.4599



117.8620, -10.2850, 79.0510

# Triad

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



121.2190, 11.7240, 66.4599



112.3840, -49.4893, 6.6792



104.4270, 42.1875, -91.5825

# Complementary

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



121.2190, 11.7240, 66.4599



153.7810, -11.7240, -66.4599

# 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.



101.4000, 22.9738, -88.9278



121.2190, 11.7240, 66.4599



105.7710, -26.5091, -37.5102

# Square

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



121.2190, 11.7240, 66.4599



116.3050, -49.4504, 40.9515



95.1130, 1.4233, -83.4141



102.5810, 55.4226, -89.9635



# Rectangle

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



121.2190, 11.7240, 66.4599



117.6320, -24.9616, 73.1137



95.1130, 1.4233, -83.4141



104.2330, 36.3671, -91.4123

# Sweetspot

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



121.2190, 11.7240, 66.4599



225.7180, 4.5760, 25.6803



107.1140, 44.3138, 20.0710



109.4950, 2.7140, 16.2289



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.



121.2190, 11.7240, 66.4599



137.8720, 18.3041, 102.7213



114.4930, -14.0470, 72.3586



93.2610, 0.8573, 5.0331



59.2250, 16.1581, 91.0107



13.0440, 3.4293, 20.1324



# Inverse Universe

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



121.2190, 11.7240, 66.4599



137.8720, 18.3041, 102.7213



160.5070, 14.0470, -72.3586



93.2610, 0.8573, 5.0331



59.2250, 16.1581, 91.0107



13.0440, 3.4293, 20.1324



# Previews

## White Background



This preview shows how the YUV color 121.2190, 11.7240, 66.4599 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

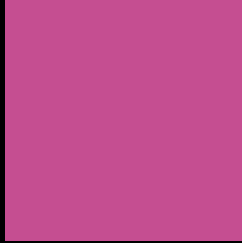
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 121.2190, 11.7240, 66.4599 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

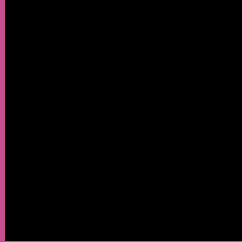
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 121.2190, 11.7240, 66.4599

## Background



This preview shows how black text looks on a background with the YUV color 121.2190, 11.7240, 66.4599.



This preview shows how white text looks on a background with the YUV color 121.2190, 11.7240,



# 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

121.2190, 11.7240, 66.4599

### Protanopia

122.3720, 25.9456, -15.2352

### Deuteranopia

123.3730, 7.7041, 2.3039



## Tritanopia

120.8940, -12.2727, 63.2370

# Trichromacy



## Original Color

121.2190, 11.7240, 66.4599

## Protanomaly

121.5930, 20.9067, 14.3889

## Deuteranomaly

122.5700, 9.0860, 25.8101

## Tritanomaly

120.8970, -3.4002, 64.1113

# Monochromacy



## Original Color

121.2190, 11.7240, 66.4599

## Achromatopsia

121.0000, 0.0000, 0.0000

## Achromatomaly

121.0060, 4.4340, 24.5507

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.2190, 11.7240, 66.4599 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, 78, 145)` looks like.

```
.text, #text, p{  
    color:rgb(197, 78, 145)  
}
```

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, 78, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 78, 145) }
```

## Border

The CSS property to change the border of an element to YUV 121.2190, 11.7240, 66.4599 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, 78, 145) }
```



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

```
.border{ border-color:rgb(197, 78, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 78, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 78, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 78, 145);  
box-shadow:4px 4px 4px 4px rgb(197, 78,  
145) }
```

# Background

The CSS property to change the background color of an element to YUV 121.2190, 11.7240, 66.4599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 78, 145) }
```

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

```
.background{ background-color: rgb(197, 78,  
145) }
```

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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