

Converting Colors

YUV(101.9070, 8.4268, 97.4286)

Have a look what the booklet for
YUV(101.9070, 8.4268, 97.4286)
contains.

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Color

**YUV(101.9070, 8.4268,
97.4286)**

Conversions

Conversions Part 1

Format	Color
Hex	D52A77
RGB	213, 42, 119
RGB Percent	84%, 16%, 47%
CMY	0.1647, 0.8353, 0.5333
CMYK	0.00, 0.80, 0.44, 0.16
HSL	333°, 67%, 50%
HSV	333°, 80%, 84%
XYZ	31.5983, 17.1340, 19.0945
YIQ	101.9070, 77.1990, 60.1990

Conversions

Conversions Part 2

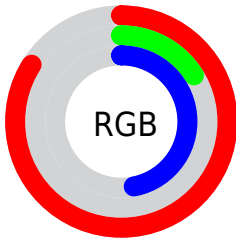
Format	Color
R _Y B	213, 42, 119
Decimal	13970039
CIE Lab	48.43, 68.67, -0.86
CIE LCh	48, 68.671, 359.279
Yxy	17.1340, 0.4659, 0.2526
Android (android.graphics.Color)	4292160119 (0xFFD52A77)
YUV	101.9070, 8.4268, 97.4286
Hunter-Lab	41.3932, 63.8234, 1.6250

Details

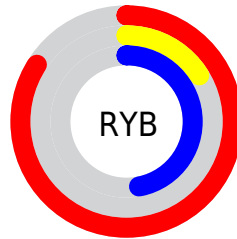
The YUV color **101.9070, 8.4268, 97.4286** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **153.0930, -8.4268, -97.4286**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9610, 6.4282, 85.1032**, and **53.5420, 8.6068, 86.3477** is the 20% darker color. If you saturate the color by 10%, you get **88.2120, 9.2625, 109.4391**, and if you desaturate by 10%, it is **115.6020, 7.5912, 85.4180**.

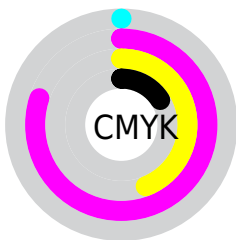
Distribution



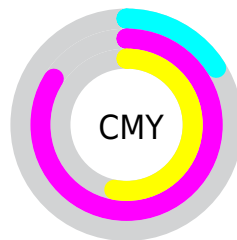
- Red (84%)
- Green (16%)
- Blue (47%)



- Red (84%)
- Yellow (16%)
- Blue (47%)



- Cyan (0%)
- Magenta (80%)
- Yellow (44%)
- Black (16%)



- Cyan (16%)
- Magenta (84%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.9070, 8.4268, 97.4286 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 101.9070, 8.4268, 97.4286 by changing the saturation by 10% instead.

101.9070, 8.4268,
97.4286

101.9070, 8.4268,
97.4286

255.0000, 0.0000,
0.0000

65.4330, 14.0835,
103.1063

157.9610, 6.4282,
85.1032

53.5420, 8.6068,
86.3477

178.0620, 9.8294,
67.4746

42.3630, 3.2720,
70.7186

198.2770, 13.6674,
49.7461

30.9990, -1.4785,
54.3749

219.1930, 17.6529,
31.4027

20.0760, -8.4185,
40.2753

236.2160, 9.2605,
16.4736

9.9810, -4.4276,
20.1877

253.8260, 0.5788,

0.0000, 0.0000,

1.0296

0.0000

■ 101.9070, 8.4268,
97.4286

■ 101.9070, 8.4268,
97.4286

■ 88.2120, 9.2625,
109.4391

■ 115.6020, 7.5912,
85.4180

■ 74.6310, 10.5349,
121.3496

■ 129.7700, 6.0294,
72.9927

■ 143.4650, 5.1938,
60.9822

■ 157.1600, 4.3581,
48.9717

■ 171.4420, 3.2331,
36.4464

■ 185.0230, 1.9607,
24.5358

■ 198.7180, 1.1250,
12.5253

■ 212.4130, 0.2894,
0.5148

■ 226.5810, -1.2724,
-11.9105

Harmonies

Analogous

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



114.2840, 29.9330, 59.3869



101.9070, 8.4268, 97.4286



103.6160, -20.5167, 94.1758

Triad

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



101.9070, 8.4268, 97.4286



99.9530, -49.2768, -14.8678



103.7550, 54.8438, -90.9931

Complementary

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



101.9070, 8.4268, 97.4286



153.0930, -8.4268, -97.4286

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.



101.6740, 34.1777, -89.1681



101.9070, 8.4268, 97.4286



85.6460, -17.0805, -75.1115

Square

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



101.9070, 8.4268, 97.4286



107.6040, -53.0488, 28.4113



94.9480, 8.4066, -83.2694



98.6490, 65.7420, -86.5152

Rectangle

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



101.9070, 8.4268, 97.4286



107.1260, -40.9811, 77.9425



94.9480, 8.4066, -83.2694



104.1480, 48.7340, -91.3378

Sweetspot

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



101.9070, 8.4268, 97.4286



215.3170, 2.8017, 34.8020



88.7030, 61.2784, 38.8485



103.8870, 1.5347, 21.1471



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.



101.9070, 8.4268, 97.4286



95.7950, 11.9331, 139.6228



96.6510, -26.9429, 102.0381



99.8590, 0.5625, 6.2627



59.9070, 8.4268, 97.4286



15.1370, 2.3975, 24.4359

Inverse Universe

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



101.9070, 8.4268, 97.4286



95.7950, 11.9331, 139.6228



158.3490, 26.9429, -102.0381



99.8590, 0.5625, 6.2627



59.9070, 8.4268, 97.4286



15.1370, 2.3975, 24.4359

Previews

White Background



This preview shows how the YUV color 101.9070, 8.4268, 97.4286 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 × Fail

Black Background



This preview shows how the YUV color 101.9070, 8.4268, 97.4286 looks on a black 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

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

YUV 101.9070, 8.4268, 97.4286

Background



This preview shows how black text looks on a background with the YUV color 101.9070, 8.4268, 97.4286.



This preview shows how white text looks on a background with the YUV color 101.9070, 8.4268,

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

101.9070, 8.4268, 97.4286

Protanopia

115.5850, 22.8826, -12.7910

Deuteranopia

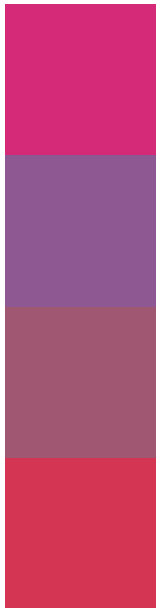
116.9690, -2.9427, 10.5512



Tritanopia

104.4910, -20.9481, 92.5314

Trichromacy



Original Color

101.9070, 8.4268, 97.4286

Protanomaly

110.7580, 17.3743, 27.3992

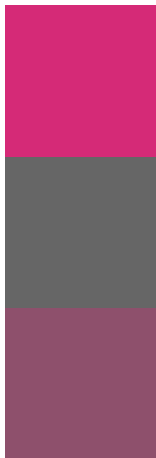
Deuteranomaly

111.9050, 1.0328, 42.1793

Tritanomaly

103.6620, -10.1864, 94.1354

Monochromacy



Original Color

101.9070, 8.4268, 97.4286

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.7300, 3.0911, 35.3168

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.9070, 8.4268, 97.4286 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(213, 42, 119)` looks like.

```
.text, #text, p{  
    color:rgb(213, 42, 119)  
}
```

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(213, 42, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 42, 119) }
```

Border

The CSS property to change the border of an element to YUV 101.9070, 8.4268, 97.4286 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(213, 42, 119) }
```


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

```
.border{ border-color:rgb(213, 42, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 42, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 42, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 42, 119);  
box-shadow:4px 4px 4px 4px rgb(213, 42,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 101.9070, 8.4268, 97.4286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 42, 119) }
```

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

```
.background{ background-color: rgb(213, 42,  
119) }
```

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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