

Converting Colors

YUV(119.6400, 26.7995,
84.5077)

Have a look what the booklet for
YUV(119.6400, 26.7995, 84.5077)
contains.

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Color

**YUV(119.6400, 26.7995,
84.5077)**

Conversions

Conversions Part 1

Format	Color
Hex	D83CAE
RGB	216, 60, 174
RGB Percent	85%, 24%, 68%
CMY	0.1529, 0.7647, 0.3176
CMYK	0.00, 0.72, 0.19, 0.15
HSL	316°, 67%, 54%
HSV	316°, 72%, 85%
XYZ	37.5747, 20.8866, 42.0955
YIQ	119.6400, 56.3820, 68.5260

Conversions

Conversions Part 2

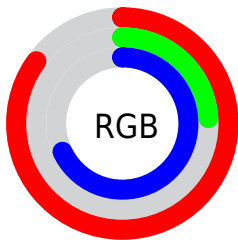
Format	Color
R_{YB}	216, 60, 174
Decimal	14171310
CIE Lab	52.83, 70.30, -27.03
CIE LCh	53, 75.322, 338.966
Yxy	20.8866, 0.3737, 0.2077
Android (android.graphics.Color)	4292361390 (0xFFD83CAE)
YUV	119.6400, 26.7995, 84.5077
Hunter-Lab	45.7019, 66.7790, -22.6200

Details

The YUV color **119.6400, 26.7995, 84.5077** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **156.3600, -26.7995, -84.5077**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.4920, 27.8584, 71.4825**, and **60.7370, 29.7097, 84.4227** is the 20% darker color. If you saturate the color by 10%, you get **106.0420, 30.5453, 96.4332**, and if you desaturate by 10%, it is **133.2380, 23.0537, 72.5823**.

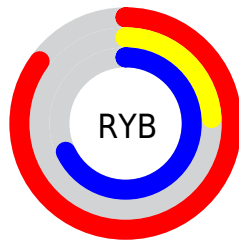
Distribution



Red (85%)

Green (24%)

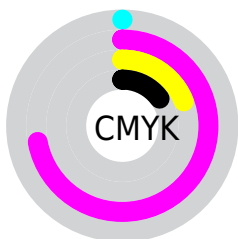
Blue (68%)



Red (85%)

Yellow (24%)

Blue (68%)

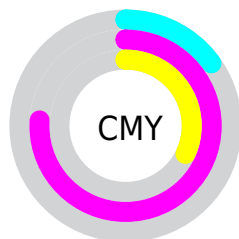


Cyan (0%)

Magenta (72%)

Yellow (19%)

Black (15%)



Cyan (15%)

Magenta (76%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.6400, 26.7995, 84.5077 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 119.6400, 26.7995, 84.5077 by changing the saturation by 10% instead.


 119.6400, 26.7995,
84.5077


 119.6400, 26.7995,
84.5077


255.0000, 0.0000,
0.0000


 83.5250, 31.2932,
89.8706


 173.4920, 27.8584,
71.4825


 60.7370, 29.7097,
84.4227


 193.3650, 30.3861,
54.0539


 49.2160, 23.0645,
69.0936


 210.3880, 21.9937,
39.1247

 38.1080, 16.7088,
54.2793

 227.4110, 13.6014,
24.1956

 27.4130, 10.6424,
39.9798

 245.0210, 4.9196,
8.7516

 16.6470, 5.5970,
24.8656

 0.0000, 0.0000,

0.0000

■ 119.6400, 26.7995,
84.5077

■ 119.6400, 26.7995,
84.5077

■ 106.0420, 30.5453,
96.4332

■ 133.2380, 23.0537,
72.5823

■ 93.0310, 34.0017,
107.8438

■ 146.2490, 19.5972,
61.1716

■ 82.5960, 37.1742,
116.9953

■ 159.7330, 15.4146,
49.3462

■ 172.7440, 11.9582,
37.9355

■ 186.3420, 8.2124,
26.0101

■ 199.9400, 4.4666,
14.0846

■ 212.9510, 1.0102,
2.6740

■ 226.5490, -2.7357,
-9.2515

■ 239.4460, -6.6289,
-20.5621

Harmonies

Analogous

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



128.3680, 49.1186, 18.9713



119.6400, 26.7995, 84.5077



107.7690, 1.0999, 114.2126

Triad

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



119.6400, 26.7995, 84.5077



116.6750, -57.5208, 16.0710



113.4090, 46.1404, -99.4597

Complementary

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



119.6400, 26.7995, 84.5077



156.3600, -26.7995, -84.5077

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.



106.9280, 18.7695, -93.7759



119.6400, 26.7995, 84.5077



102.7670, -50.6641, -36.6297

Square

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



119.6400, 26.7995, 84.5077



118.1460, -58.2460, 62.1390



97.3010, -10.5014, -85.3330



113.9740, 66.0748, -99.9552

Rectangle

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



119.6400, 26.7995, 84.5077



112.0520, -21.7176, 106.0714



97.3010, -10.5014, -85.3330



111.7160, 37.1150, -97.9749

Sweetspot

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



119.6400, 26.7995, 84.5077



220.4180, 9.6539, 30.3284



90.3420, 61.9494, 10.2241



107.0160, 5.9081, 18.4030



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.



119.6400, 26.7995, 84.5077



117.8460, 38.0369, 120.2841



110.7480, -7.2708, 92.3060



100.2010, 1.8729, 5.9627



65.3790, 29.3932, 92.6296



16.5050, 7.6390, 23.2361

Inverse Universe

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



119.6400, 26.7995, 84.5077



117.8460, 38.0369, 120.2841



165.2520, 7.2708, -92.3060



100.2010, 1.8729, 5.9627



65.3790, 29.3932, 92.6296



16.5050, 7.6390, 23.2361

Previews

White Background



This preview shows how the YUV color 119.6400, 26.7995, 84.5077 looks on a white background.

Color Contrast Check

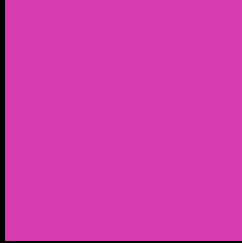
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.6400, 26.7995, 84.5077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

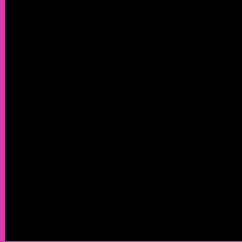
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.6400, 26.7995, 84.5077

Background



This preview shows how black text looks on a background with the YUV color 119.6400, 26.7995, 84.5077.



This preview shows how white text looks on a background with the YUV color 119.6400, 26.7995, 84.5077.

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

119.6400, 26.7995, 84.5077

Protanopia

121.4720, 51.0393, -37.2479

Deuteranopia

126.8800, 18.7932, -7.7878



Tritanopia

123.3470, -15.9471, 75.1177

Trichromacy



Original Color

119.6400, 26.7995, 84.5077



Protanomaly

120.7550, 42.0258, 7.2309



Deuteranomaly

124.4850, 21.4529, 25.8847



Tritanomaly

122.3810, -0.6808, 78.5959

Monochromacy



Original Color

119.6400, 26.7995, 84.5077



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

119.8310, 9.9433, 30.8432

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.6400, 26.7995, 84.5077 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(216, 60, 174)` looks like.

```
.text, #text, p{  
    color:rgb(216, 60, 174)  
}
```

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(216, 60, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 60, 174) }
```

Border

The CSS property to change the border of an element to YUV 119.6400, 26.7995, 84.5077 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(216, 60, 174) }
```


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

```
.border{ border-color:rgb(216, 60, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 60, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 60, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 60, 174);  
box-shadow:4px 4px 4px 4px rgb(216, 60,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 119.6400, 26.7995, 84.5077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 60, 174) }
```

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

```
.background{ background-color: rgb(216, 60,  
174) }
```

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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