

Converting Colors

YUV(105.6870, 32.1993,
79.2045)

Have a look what the booklet for
YUV(105.6870, 32.1993, 79.2045)
contains.

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Color

**YUV(105.6870, 32.1993,
79.2045)**

Conversions

Conversions Part 1

Format	Color
Hex	C42FAB
RGB	196, 47, 171
RGB Percent	77%, 18%, 67%
CMY	0.2314, 0.8157, 0.3294
CMYK	0.00, 0.76, 0.13, 0.23
HSL	310°, 61%, 48%
HSV	310°, 76%, 77%
XYZ	31.1322, 16.7091, 40.1124
YIQ	105.6870, 49.0000, 70.1520

Conversions

Conversions Part 2

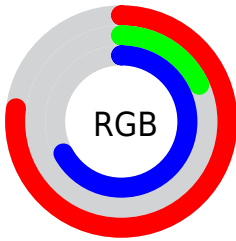
Format	Color
R_{YB}	196, 47, 171
Decimal	12857259
CIE _{Lab}	47.89, 69.27, -33.22
CIE _{LCh}	48, 76.821, 334.381
Yxy	16.7091, 0.3540, 0.1900
Android (android.graphics.Color)	4291047339 (0xFFC42FAB)
YUV	105.6870, 32.1993, 79.2045
Hunter-Lab	40.8767, 64.4132, -29.5677

Details

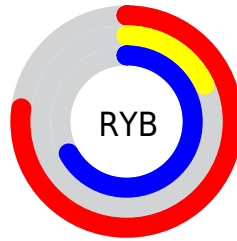
The YUV color **105.6870, 32.1993, 79.2045** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **137.3130, -32.1993, -79.2045**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1060, 30.0207, 77.9600**, and **54.7140, 31.2000, 73.0418** is the 20% darker color. If you saturate the color by 10%, you get **93.6050, 36.6767, 89.8004**, and if you desaturate by 10%, it is **117.7690, 27.7219, 68.6086**.

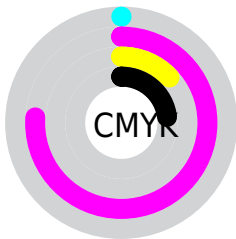
Distribution



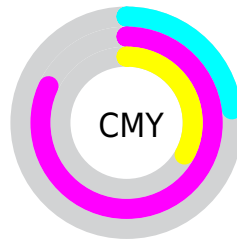
- Red (77%)
- Green (18%)
- Blue (67%)



- Red (77%)
- Yellow (18%)
- Blue (67%)



- Cyan (0%)
- Magenta (76%)
- Yellow (13%)
- Black (23%)



- Cyan (23%)
- Magenta (82%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 105.6870, 32.1993, 79.2045 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 105.6870, 32.1993, 79.2045 by changing the saturation by 10% instead.

 105.6870, 32.1993,
79.2045


 105.6870, 32.1993,
79.2045


255.0000, 0.0000,
0.0000


 66.3490, 38.2819,
88.2709


 166.1060, 30.0207,
77.9600


 54.7140, 31.2000,
73.0418


 186.3210, 33.8587,
60.2315

 43.4920, 24.4074,
58.3275


 202.7570, 25.7558,
45.8171

 32.3840, 18.0517,
43.5132

 219.7800, 17.3635,
30.8879

 22.2870, 11.6905,
30.4433

 237.3900, 8.6817,
15.4440

 9.9120, 6.9454,
12.3552

 0.0000, 0.0000,

0.0000

■ 105.6870, 32.1993,
79.2045

■ 105.6870, 32.1993,
79.2045

■ 93.6050, 36.6767,
89.8004

■ 117.7690, 27.7219,
68.6086

■ 81.9960, 40.4280,
99.9815

■ 129.3780, 23.9706,
58.4275

■ 77.1860, 42.3063,
104.1999

■ 141.4600, 19.4932,
47.8316

■ 152.9550, 15.3052,
37.7505

■ 165.0370, 10.8278,
27.1546

■ 177.2330, 6.7871,
16.4587

■ 188.7280, 2.5991,
6.3775

■ 200.8100, -1.8783,
-4.2184

■ 212.4190, -5.6296,
-14.3995

Harmonies

Analogous

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



114.6050, 52.9457, 4.7314



105.6870, 32.1993, 79.2045



78.8750, 13.8656, 126.3976

Triad

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



105.6870, 32.1993, 79.2045



105.7880, -52.1535, 21.2339



103.3840, 40.7297, -90.6678

Complementary

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



105.6870, 32.1993, 79.2045



137.3130, -32.1993, -79.2045

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.



96.6750, 12.4852, -84.7840



105.6870, 32.1993, 79.2045



93.9510, -46.3178, -30.6520

Square

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



105.6870, 32.1993, 79.2045



105.7750, -52.1471, 65.9723



86.4610, -16.4963, -75.8263



105.5790, 61.8326, -92.5928

Rectangle

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



105.6870, 32.1993, 79.2045



91.0990, -12.8668, 113.9232



86.4610, -16.4963, -75.8263



101.6910, 31.7043, -89.1830

Sweetspot

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



105.6870, 32.1993, 79.2045



219.2270, 12.7061, 31.3729



71.4610, 61.3977, 0.4727



106.1840, 7.7973, 19.1326



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.



105.6870, 32.1993, 79.2045



114.3700, 50.1036, 123.3325



97.2510, -0.1237, 86.6029



90.9020, 2.0203, 5.3479



63.4150, 34.7984, 85.5820



13.0590, 7.3659, 17.4883

Inverse Universe

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



105.6870, 32.1993, 79.2045



114.3700, 50.1036, 123.3325



145.7490, 0.1237, -86.6029



90.9020, 2.0203, 5.3479



63.4150, 34.7984, 85.5820



13.0590, 7.3659, 17.4883

Previews

White Background



This preview shows how the YUV color 105.6870, 32.1993, 79.2045 looks on a white background.

Color Contrast Check

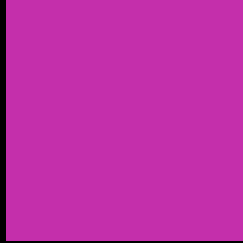
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.6870, 32.1993, 79.2045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

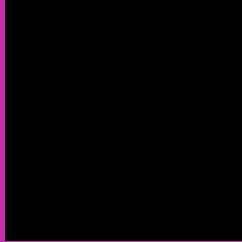
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.6870, 32.1993, 79.2045

Background



This preview shows how black text looks on a background with the YUV color 105.6870, 32.1993, 79.2045.



This preview shows how white text looks on a background with the YUV color 105.6870, 32.1993,

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

105.6870, 32.1993, 79.2045

Protanopia

103.4790, 60.4029, -53.9171

Deuteranopia

113.8020, 23.7616, -14.7354



Tritanopia

111.4600, -14.0308, 67.1256

Trichromacy



Original Color

105.6870, 32.1993, 79.2045



Protanomaly

104.4420, 50.0681, -5.6496



Deuteranomaly

110.8200, 26.7107, 19.4519



Tritanomaly

109.5480, 2.6878, 71.4334

Monochromacy



Original Color

105.6870, 32.1993, 79.2045



Achromatopsia

106.0000, 0.0000, 0.0000



Achromatomaly

106.2760, 11.6959, 28.6989

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.6870, 32.1993, 79.2045 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(196, 47, 171)` looks like.

```
.text, #text, p{  
    color:rgb(196, 47, 171)  
}
```

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(196, 47, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 47, 171) }
```

Border

The CSS property to change the border of an element to YUV 105.6870, 32.1993, 79.2045 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(196, 47, 171) }
```


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

```
.border{ border-color:rgb(196, 47, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 47, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 47, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 47, 171);  
box-shadow:4px 4px 4px 4px rgb(196, 47,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 105.6870, 32.1993, 79.2045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 47, 171) }
```

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

```
.background{ background-color: rgb(196, 47,  
171) }
```

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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