

Converting Colors

YUV(78.7670, 44.4849,
105.4443)

Have a look what the booklet for
YUV(78.7670, 44.4849, 105.4443)
contains.

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Color

**YUV(78.7670, 44.4849,
105.4443)**

Conversions

Conversions Part 1

Format	Color
Hex	C700A9
RGB	199, 0, 169
RGB Percent	78%, 0%, 66%
CMY	0.2196, 1.0000, 0.3373
CMYK	0.00, 1.00, 0.15, 0.22
HSL	309°, 100%, 39%
HSV	309°, 100%, 78%
XYZ	30.7146, 15.0067, 38.8139
YIQ	78.7670, 64.3550, 94.7470

Conversions

Conversions Part 2

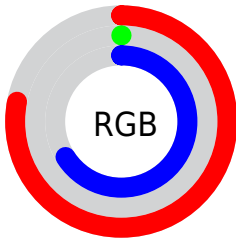
Format	Color
RYB	199, 0, 169
Decimal	13041833
CIELab	45.64, 77.41, -35.53
CIELCh	46, 85.174, 335.347
Yxy	15.0067, 0.3633, 0.1775
Android (android.graphics.Color)	4291231913 (0xFFC700A9)
YUV	78.7670, 44.4849, 105.4443
Hunter-Lab	38.7385, 73.7352, -32.2885

Details

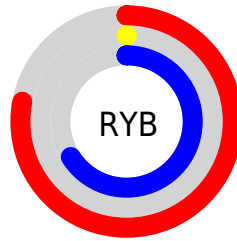
The YUV color **78.7670, 44.4849, 105.4443** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **120.2330, -44.4849, -105.4443**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.7250, 34.6456, 87.9412**, and **55.0840, 30.0316, 74.4713** is the 20% darker color. If you saturate the color by 10%, you get **78.7670, 44.4849, 105.4443**, and if you desaturate by 10%, it is **90.8490, 40.0074, 94.8484**.

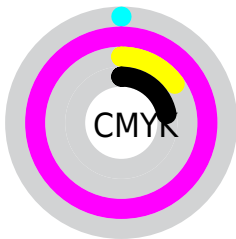
Distribution



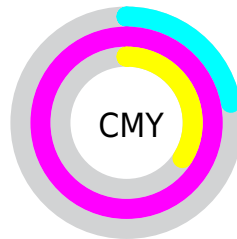
- Red (78%)
- Green (0%)
- Blue (66%)



- Red (78%)
- Yellow (0%)
- Blue (66%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (22%)





- Cyan (22%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.7670, 44.4849, 105.4443 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 78.7670, 44.4849, 105.4443 by changing the saturation by 10% instead.


 78.7670, 44.4849,
105.4443


 78.7670, 44.4849,
105.4443


255.0000, 0.0000,
0.0000


 66.7190, 37.1135,
89.7004

 154.7250, 34.6456,
87.9412


 55.0840, 30.0316,
74.4713


 175.6410, 38.6310,
69.5978


 43.5630, 23.3864,
59.1422


 193.3650, 30.3861,
54.0539

 32.4550, 17.0307,
44.3280

 210.9750, 21.7043,
38.6099

 21.7600, 10.9643,
30.0285

 228.5850, 13.0226,
23.1660

 9.3850, 6.2192,
11.9404

 246.1950, 4.3409,

 0.0000, 0.0000,

7.7220

0.0000

■ 78.7670, 44.4849,
105.4443

■ 90.8490, 40.0074,
94.8484

■ 102.9310, 35.5300,
84.2525

■ 115.0130, 31.0526,
73.6566

■ 127.0950, 26.5752,
63.0607

■ 139.1770, 22.0977,
52.4648

■ 150.6720, 17.9097,
42.3837

■ 162.7540, 13.4323,
31.7877

■ 174.8360, 8.9549,
21.1918

■ 186.9180, 4.4774,
10.5959

Harmonies

Analogous

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



107.6960, 58.3239, 6.4056



78.7670, 44.4849, 105.4443



79.1590, 9.7816, 129.6566

Triad

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



78.7670, 44.4849, 105.4443



100.7490, -49.6693, 17.7601



101.4920, 43.6344, -89.0085

Complementary

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



78.7670, 44.4849, 105.4443



120.2330, -44.4849, -105.4443

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.



93.5120, 13.0586, -82.0100



78.7670, 44.4849, 105.4443



84.1280, -41.4751, -43.9623

Square

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



78.7670, 44.4849, 105.4443



99.8830, -49.2423, 67.6316



82.8590, -20.1435, -72.6673



104.1430, 66.4845, -91.3334

Rectangle

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



78.7670, 44.4849, 105.4443



72.7190, -9.7215, 131.7964



82.8590, -20.1435, -72.6673



99.5710, 33.7355, -87.3238

Sweetspot

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



78.7670, 44.4849, 105.4443



209.0200, 16.7521, 40.3245



31.6560, 82.5006, -1.4523



100.2000, 10.2544, 24.3806



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.



78.7670, 44.4849, 105.4443



100.9830, 57.1964, 135.0729



67.4810, 1.2419, 115.3422



93.6030, 2.1677, 4.7332



64.5830, 36.6876, 86.3117



14.1840, 7.7973, 19.1326

Inverse Universe

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



78.7670, 44.4849, 105.4443



100.9830, 57.1964, 135.0729



131.5190, -1.2419, -115.3422



93.6030, 2.1677, 4.7332



64.5830, 36.6876, 86.3117



14.1840, 7.7973, 19.1326

Previews

White Background



This preview shows how the YUV color 78.7670, 44.4849, 105.4443 looks on a white background.

Color Contrast Check

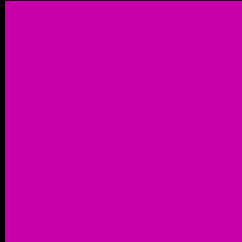
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.7670, 44.4849, 105.4443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

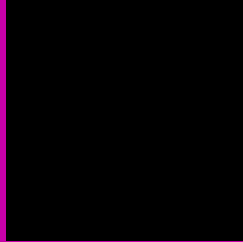
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.7670, 44.4849, 105.4443

Background



This preview shows how black text looks on a background with the YUV color 78.7670, 44.4849, 105.4443.



This preview shows how white text looks on a background with the YUV color 78.7670, 44.4849,

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



Protanopia

87.9860, 68.0409, -77.1637

Deuteranopia

109.3180, 24.4932, -16.0649

Tritanopia

104.1190, -16.8207, 75.3176

Trichromacy



Protanomaly

84.2270, 59.5411, -10.7231

Deuteranomaly

97.9550, 32.0672, 28.1035

Tritanomaly

95.0320, 5.4072, 85.9179

Monochromacy



Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.8950, 16.3208, 38.6801

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.7670, 44.4849, 105.4443 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(199, 0, 169)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 169)  
}
```

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(199, 0, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 169) }
```

Border

The CSS property to change the border of an element to YUV 78.7670, 44.4849, 105.4443 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(199, 0, 169) }
```

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

```
.border{ border-color:rgb(199, 0, 169) }
```

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

Here you see how a box with a 4 pixel rgb(199, 0, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 0, 169);  
box-shadow:4px 4px 4px 4px rgb(199, 0,  
169) }
```


Background

The CSS property to change the background color of an element to YUV 78.7670, 44.4849, 105.4443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 0, 169) }
```

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

```
.background{ background-color: rgb(199, 0,  
169) }
```

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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