

Converting Colors

YUV(83.3270, 41.7438, 97.9372)

Have a look what the booklet for
YUV(83.3270, 41.7438, 97.9372)
contains.

YUV(83.3270, 41.7438, 97.9372)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(83.3270, 41.7438,
97.9372)**

Conversions

Conversions Part 1

Format	Color
Hex	C30AA8
RGB	195, 10, 168
RGB Percent	76%, 4%, 66%
CMY	0.2353, 0.9608, 0.3412
CMYK	0.00, 0.95, 0.14, 0.24
HSL	309°, 90%, 40%
HSV	309°, 95%, 76%
XYZ	29.6821, 14.6463, 38.3084
YIQ	83.3270, 59.5420, 88.3580

Conversions

Conversions Part 2

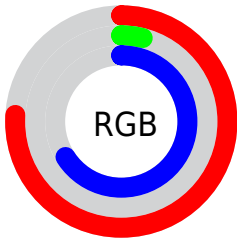
Format	Color
R _Y B	195, 10, 168
Decimal	12782248
CIE Lab	45.15, 75.67, -35.77
CIE LCh	45, 83.693, 334.700
Yxy	14.6463, 0.3592, 0.1772
Android (android.graphics.Color)	4290972328 (0xFFC30AA8)
YUV	83.3270, 41.7438, 97.9372
Hunter-Lab	38.2705, 71.4687, -32.5593

Details

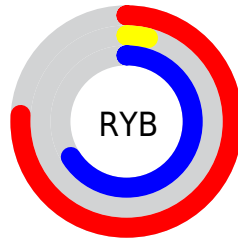
The YUV color **83.3270, 41.7438, 97.9372** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **121.6730, -41.7438, -97.9372**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.1980, 33.9194, 87.5264**, and **53.7740, 30.1844, 72.1122** is the 20% darker color. If you saturate the color by 10%, you get **77.3430, 44.2009, 103.1852**, and if you desaturate by 10%, it is **94.8220, 37.5558, 87.8561**.

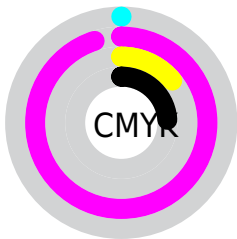
Distribution



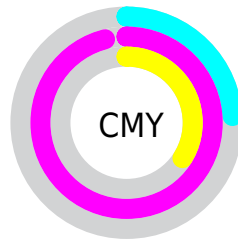
- Red (76%)
- Green (4%)
- Blue (66%)



- Red (76%)
- Yellow (4%)
- Blue (66%)



- Cyan (0%)
- Magenta (95%)
- Yellow (14%)
- Black (24%)





- Cyan (24%)
- Magenta (96%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 83.3270, 41.7438, 97.9372 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 83.3270, 41.7438, 97.9372 by changing the saturation by 10% instead.


 83.3270, 41.7438,
97.9372


 83.3270, 41.7438,
97.9372


255.0000, 0.0000,
0.0000


 65.7080, 37.1190,
87.9561


 155.1980, 33.9194,
87.5264


 53.7740, 30.1844,
72.1122


 176.0000, 37.4680,
69.2830


 42.5520, 23.3919,
57.3979


 193.9520, 30.0967,
53.5391

 31.4440, 17.0361,
42.5836

 210.9750, 21.7043,
38.6099

 20.8630, 11.4065,
28.1841

 228.5850, 13.0226,
23.1660

 7.4770, 6.6668,
8.3517

 246.1950, 4.3409,

 0.0000, 0.0000,

7.7220

0.0000

■ 83.3270, 41.7438,
97.9372

■ 83.3270, 41.7438,
97.9372

■ 77.3430, 44.2009,
103.1852

■ 94.8220, 37.5558,
87.8561

■ 106.9040, 33.0783,
77.2602

■ 118.3990, 28.8903,
67.1791

■ 130.3670, 23.9761,
56.6831

■ 142.4490, 19.4986,
46.0872

■ 153.9440, 15.3106,
36.0061

■ 166.0260, 10.8332,
25.4102

■ 177.5210, 6.6451,
15.3291

■ 189.0160, 2.4571,
5.2480

Harmonies

Analogous

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



106.2720, 58.0399, 4.1465



83.3270, 41.7438, 97.9372



77.9630, 10.3712, 127.1974

Triad

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



83.3270, 41.7438, 97.9372



99.5750, -49.0905, 18.7897



100.4490, 42.1766, -88.0938

Complementary

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



83.3270, 41.7438, 97.9372



121.6730, -41.7438, -97.9372

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.



91.8820, 11.8902, -80.5805



83.3270, 41.7438, 97.9372



84.1500, -41.4859, -40.4735

Square

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



83.3270, 41.7438, 97.9372



98.9970, -48.8055, 67.5316



81.4570, -20.4383, -71.4378



102.5130, 65.3161, -89.9039

Rectangle

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



83.3270, 41.7438, 97.9372



71.9360, -8.8424, 129.8521



81.4570, -20.4383, -71.4378



97.9410, 32.5671, -85.8943

Sweetspot

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



83.3270, 41.7438, 97.9372



209.7700, 15.8894, 37.0357



38.5650, 77.1225, -3.1265



101.3740, 9.6756, 23.3510



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.



83.3270, 41.7438, 97.9372



99.9720, 57.2018, 133.3286



73.0670, 2.4320, 106.9352



90.9020, 2.0203, 5.3479



63.7570, 36.1088, 85.2821



13.0590, 7.3659, 17.4883

Inverse Universe

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



83.3270, 41.7438, 97.9372



99.9720, 57.2018, 133.3286



131.9330, -2.4320, -106.9352



90.9020, 2.0203, 5.3479



63.7570, 36.1088, 85.2821



13.0590, 7.3659, 17.4883

Previews

White Background



This preview shows how the YUV color 83.3270, 41.7438, 97.9372 looks on a white background.

Color Contrast Check

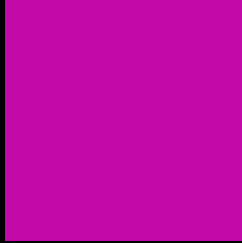
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.3270, 41.7438, 97.9372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

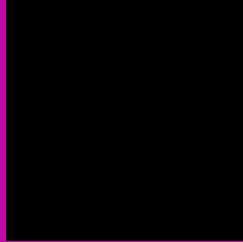
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.3270, 41.7438, 97.9372

Background



This preview shows how black text looks on a background with the YUV color 83.3270, 41.7438, 97.9372.



This preview shows how white text looks on a background with the YUV color 83.3270, 41.7438,

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

83.3270, 41.7438, 97.9372

Deuteranopia

107.7200, 24.7880, -17.2944

Tritanopia

102.3360, -15.9416, 73.3733

Trichromacy



Original Color

83.3270, 41.7438, 97.9372

Deuteranomaly

98.7050, 31.2044, 24.8147

Tritanomaly

95.5970, 5.1287, 81.9144

Monochromacy



Original Color

83.3270, 41.7438, 97.9372

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9440, 15.3106, 36.0061

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3270, 41.7438, 97.9372 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(195, 10, 168)` looks like.

```
.text, #text, p{  
    color:rgb(195, 10, 168)  
}
```

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(195, 10, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 10, 168) }
```

Border

The CSS property to change the border of an element to YUV 83.3270, 41.7438, 97.9372 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(195, 10, 168) }
```

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

```
.border{ border-color:rgb(195, 10, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 10, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 10, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 10, 168);  
box-shadow:4px 4px 4px 4px rgb(195, 10,  
168) }
```


Background

The CSS property to change the background color of an element to YUV 83.3270, 41.7438, 97.9372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 10, 168) }
```

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

```
.background{ background-color: rgb(195, 10,  
168) }
```

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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