

Converting Colors

YUV(82.1270, 41.8424,
113.0216)

Have a look what the booklet for
YUV(82.1270, 41.8424, 113.0216)
contains.

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Color

**YUV(82.1270, 41.8424,
113.0216)**

Conversions

Conversions Part 1

Format	Color
Hex	D300A7
RGB	211, 0, 167
RGB Percent	83%, 0%, 65%
CMY	0.1725, 1.0000, 0.3451
CMYK	0.00, 1.00, 0.21, 0.17
HSL	313°, 100%, 41%
HSV	313°, 100%, 83%
XYZ	33.8390, 16.6389, 37.9873
YIQ	82.1270, 72.1490, 96.6690

Conversions

Conversions Part 2

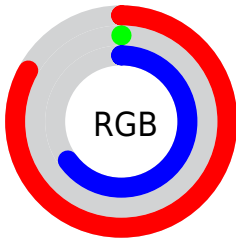
Format	Color
R_{YB}	211, 0, 167
Decimal	13828263
CIE _{Lab}	47.80, 79.37, -30.79
CIE _{LCh}	48, 85.131, 338.795
Yxy	16.6389, 0.3825, 0.1881
Android (android.graphics.Color)	4292018343 (0xFFD300A7)
YUV	82.1270, 41.8424, 113.0216
Hunter-Lab	40.7908, 76.6951, -26.6615

Details

The YUV color **82.1270, 41.8424, 113.0216** 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 **128.8730, -41.8424, -113.0216**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.5570, 32.7564, 87.2115**, and **58.2590, 27.9733, 81.3339** is the 20% darker color. If you saturate the color by 10%, you get **82.1270, 41.8424, 113.0216**, and if you desaturate by 10%, it is **94.9100, 37.5124, 101.8109**.

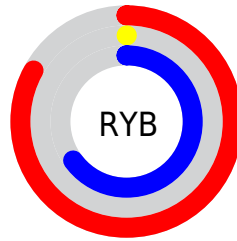
Distribution



Red (83%)

Green (0%)

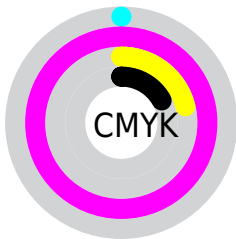
Blue (65%)



Red (83%)

Yellow (0%)

Blue (65%)

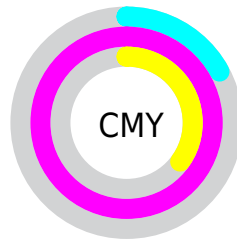


Cyan (0%)

Magenta (100%)

Yellow (21%)

Black (17%)



Cyan (17%)

Magenta (100%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.1270, 41.8424, 113.0216 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 82.1270, 41.8424, 113.0216 by changing the saturation by 10% instead.

■ 82.1270, 41.8424,
113.0216

■ 82.1270, 41.8424,
113.0216

■ 255.0000, 0.0000,
0.0000

■ 70.0790, 34.4711,
97.2777

■ 155.5570, 32.7564,
87.2115

■ 58.2590, 27.9733,
81.3339

■ 177.0600, 36.4524,
68.3534

■ 46.7380, 21.3282,
66.0048

■ 195.1260, 29.5179,
52.5095

■ 35.3310, 15.1198,
50.5757

■ 212.7360, 20.8362,
37.0655

■ 24.6360, 9.0535,
36.2762

■ 230.3460, 12.1544,
21.6216

■ 13.1580, 3.8661,
20.0324

■ 247.9560, 3.4727,

■ 0.0000, 0.0000,

6.1776

0.0000

■ 82.1270, 41.8424,
113.0216

■ 94.9100, 37.5124,
101.8109

■ 107.8070, 33.6191,
90.5003

■ 120.5900, 29.2891,
79.2896

■ 133.4870, 25.3959,
67.9789

■ 146.8570, 20.7765,
56.2534

■ 159.6400, 16.4465,
45.0427

■ 172.5370, 12.5533,
33.7321

■ 185.3200, 8.2232,
22.5214

■ 198.2170, 4.3300,
11.2107

Harmonies

Analogous

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



114.0890, 55.6651, 19.2159



82.1270, 41.8424, 113.0216



80.9100, 7.4394, 134.2599

Triad

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



82.1270, 41.8424, 113.0216



105.1460, -51.8370, 13.0270



106.4960, 47.5765, -93.3970

Complementary

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



82.1270, 41.8424, 113.0216



128.8730, -41.8424, -113.0216

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.



98.6300, 17.4374, -86.4985



82.1270, 41.8424, 113.0216



83.4640, -41.1478, -55.6579

Square

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



82.1270, 41.8424, 113.0216



106.0520, -52.2836, 63.0984



88.0910, -15.3279, -77.2558



107.6310, 69.6949, -94.3924

Rectangle

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



82.1270, 41.8424, 113.0216



73.8720, -11.7689, 135.1703



88.0910, -15.3279, -77.2558



103.9880, 37.9669, -91.1975

Sweetspot

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



82.1270, 41.8424, 113.0216



208.5640, 15.0049, 40.7244



36.6120, 85.9733, 4.7253



99.8580, 8.9440, 24.6805



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.



82.1270, 41.8424, 113.0216



99.2730, 50.6444, 136.5726



70.2710, -3.5846, 123.4193



98.2010, 1.8729, 5.9627



65.3940, 33.3298, 89.9855



15.9070, 7.9338, 22.0066

Inverse Universe

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



82.1270, 41.8424, 113.0216



99.2730, 50.6444, 136.5726



140.7290, 3.5846, -123.4193



98.2010, 1.8729, 5.9627



65.3940, 33.3298, 89.9855



15.9070, 7.9338, 22.0066

Previews

White Background



This preview shows how the YUV color 82.1270, 41.8424, 113.0216 looks on a white background.

Color Contrast Check

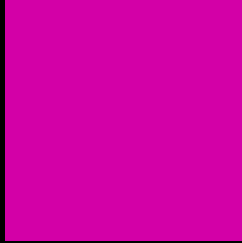
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.1270, 41.8424, 113.0216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

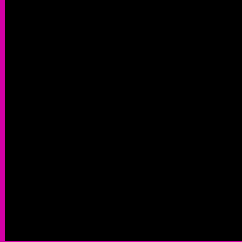
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.1270, 41.8424, 113.0216

Background



This preview shows how black text looks on a background with the YUV color 82.1270, 41.8424, 113.0216.



This preview shows how white text looks on a background with the YUV color 82.1270, 41.8424,

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

93.6700, 70.6617, -77.7636

Deuteranopia

115.4990, 19.9670, -10.9616

Tritanopia

107.3050, -18.8844, 83.9245

Trichromacy



Protanomaly

89.7650, 60.2619, -8.5639

Deuteranomaly

103.5490, 27.8303, 33.7215

Tritanomaly

98.2180, 3.3435, 94.5248

Monochromacy



Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9770, 15.2943, 41.2392

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1270, 41.8424, 113.0216 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(211, 0, 167)` looks like.

```
.text, #text, p{  
    color:rgb(211, 0, 167)  
}
```

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(211, 0, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 0, 167) }
```

Border

The CSS property to change the border of an element to YUV 82.1270, 41.8424, 113.0216 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(211, 0, 167) }
```

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

```
.border{ border-color:rgb(211, 0, 167) }
```

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

Here you see how a box with a 4 pixel rgb(211, 0, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 0, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 0, 167);  
box-shadow:4px 4px 4px 4px rgb(211, 0,  
167) }
```


Background

The CSS property to change the background color of an element to YUV 82.1270, 41.8424, 113.0216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 0, 167) }
```

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

```
.background{ background-color: rgb(211, 0,  
167) }
```

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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