

Converting Colors

Yxy(17.4861, 0.3715, 0.1820)

Have a look what the booklet for
Yxy(17.4861, 0.3715, 0.1820)
contains.

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Color

Yxy(17.4705, 0.3707, 0.1816)

Conversions

Conversions Part 1

Format	Color
Hex	D600B1
RGB	214, 0, 177
RGB Percent	84%, 0%, 69%
CMY	0.1608, 0.9993, 0.3060
CMYK	0.00, 1.00, 0.17, 0.16
HSL	310°, 100%, 42%
HSV	310°, 100%, 84%
XYZ	35.6625, 17.4705, 43.0702
YIQ	84.1640, 70.7270, 100.4150

Conversions

Conversions Part 2

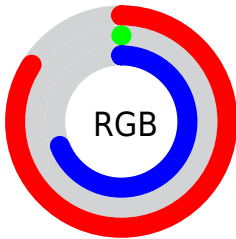
Format	Color
RYB	214, 0, 177
Decimal	14024881
CIELab	48.85, 81.11, -35.01
CIElCh	49, 88.347, 336.655
Yxy	17.4705, 0.3707, 0.1816
Android (android.graphics.Color)	4292214961 (0xFFD600B1)
YUV	84.1640, 45.7681, 113.8662
Hunter-Lab	41.7977, 79.1532, -31.8365

Details

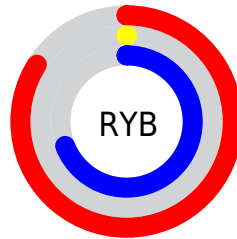
The Yxy color **17.4705, 0.3707, 0.1816** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **48.2242, 0.2959, 0.5853**, and the grayscale version is **8.8144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.9719, 0.3411, 0.1992**, and **8.3253, 0.3764, 0.1847** is the 20% darker color. If you saturate the color by 10%, you get **17.4665, 0.3707, 0.1816**, and if you desaturate by 10%, it is **18.1749, 0.3645, 0.1824**.

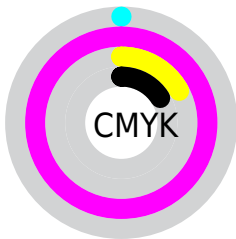
Distribution



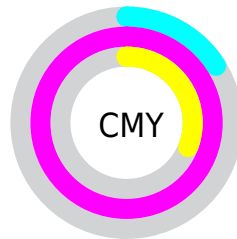
- Red (84%)
- Green (0%)
- Blue (69%)



- Red (84%)
- Yellow (0%)
- Blue (69%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4705, 0.3707, 0.1816 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 Yxy color 17.4705, 0.3707, 0.1816 by changing the saturation by 10% instead.


 17.4705, 0.3707,
0.1816


 17.4705, 0.3707,
0.1816


237.8693, 0.3423,
0.2553


 10.5705, 0.3773,
0.1638


 39.1330, 0.3607,
0.2081


 5.7788, 0.3853,
0.1417


 54.6643, 0.3568,
0.2181


 2.7111, 0.3950,
0.1138


 73.8414, 0.3535,
0.2267

 0.9828, 0.4064,
0.0788

 97.0489, 0.3507,
0.2340

 0.0000, 0.4340,
0.0000

 124.6710, 0.3482,
0.2404

 0.0000, 0.4209,
0.0000

 157.0922, 0.3460,

 0.0000, 0.0000,

0.2460

0.0000

194.6968, 0.3441,
0.2509

■ 17.4705, 0.3707,
0.1816

■ 17.4705, 0.3707,
0.1816

■ 17.4665, 0.3707,
0.1816

■ 18.1749, 0.3645,
0.1824

■ 19.4967, 0.3580,
0.1872

■ 21.6374, 0.3513,
0.1966

■ 24.7094, 0.3446,
0.2101

■ 28.8070, 0.3380,
0.2269

■ 34.0134, 0.3319,
0.2462

■ 40.4029, 0.3262,
0.2668

■ 48.0435, 0.3211,
0.2879

■ 56.9980, 0.3166,
0.3089

Harmonies

Analogous

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



17.4705, 0.2173, 0.1361



17.4705, 0.3707, 0.1816



17.4705, 0.5428, 0.2517

Triad

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



17.4705, 0.3707, 0.1816



17.4705, 0.4594, 0.5406



17.4705, 0.0812, 0.2055

Complementary

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



17.4705, 0.3707, 0.1816



48.2242, 0.2959, 0.5853

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.



17.4705, 0.1127, 0.3672



17.4705, 0.3707, 0.1816



17.4705, 0.3252, 0.6406

Square

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



17.4705, 0.3707, 0.1816



17.4705, 0.5722, 0.4225



17.4705, 0.2008, 0.5907



17.4705, 0.0880, 0.1383

Rectangle

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



17.4705, 0.3707, 0.1816



17.4705, 0.6080, 0.3032



17.4705, 0.2008, 0.5907



17.4705, 0.0865, 0.2465

Sweetspot

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



17.4714, 0.3707, 0.1816



59.6962, 0.3264, 0.2660



5.2298, 0.1568, 0.0638



11.8702, 0.3288, 0.2571



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.4714, 0.3707, 0.1816



25.9555, 0.3713, 0.1819



14.7590, 0.5663, 0.2894



12.5941, 0.3164, 0.3099



10.5721, 0.3699, 0.1811



0.6476, 0.3600, 0.1757

Inverse Universe

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



17.4714, 0.3707, 0.1816



25.9555, 0.3713, 0.1819



50.0640, 0.2564, 0.4428



12.5941, 0.3164, 0.3099



10.5721, 0.3699, 0.1811



0.6476, 0.3600, 0.1757

Previews

White Background



This preview shows how the Yxy color 17.4705, 0.3707, 0.1816 looks on a white background.

Color Contrast Check

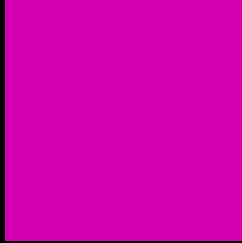
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.4705, 0.3707, 0.1816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

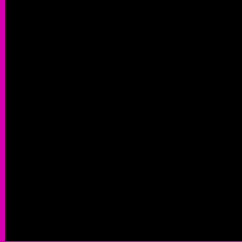
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.4705, 0.3707, 0.1816

Background



This preview shows how black text looks on a background with the Yxy color 17.4705, 0.3707, 0.1816.



This preview shows how white text looks on a background with the Yxy color 17.4705, 0.3707, 0.1816.

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

17.4705, 0.3707, 0.1816

Protanopia

18.4454, 0.1737, 0.1454

Deuteranopia

18.2425, 0.2466, 0.2417



Tritanopia

17.8539, 0.5212, 0.3254

Trichromacy



Original Color

17.4705, 0.3707, 0.1816



Protanomaly

11.4467, 0.1870, 0.1178



Deuteranomaly

13.6852, 0.2821, 0.1845



Tritanomaly

16.4344, 0.4741, 0.2613

Monochromacy



Original Color

17.4705, 0.3707, 0.1816



Achromatopsia

8.8656, 0.3127, 0.3290



Achromatomaly

8.7716, 0.3417, 0.2149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4705, 0.3707, 0.1816 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(214, 0, 177)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 177)  
}
```

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(214, 0, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 177) }
```

Border

The CSS property to change the border of an element to Yxy 17.4705, 0.3707, 0.1816 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(214, 0, 177) }
```

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

```
.border{ border-color:rgb(214, 0, 177) }
```

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

Here you see how a box with a 4 pixel rgb(214, 0, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 177);  
box-shadow:4px 4px 4px 4px rgb(214, 0,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4705, 0.3707, 0.1816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 177) }
```

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

```
.background{ background-color: rgb(214, 0,  
177) }
```

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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