

Converting Colors

$Yxy(17.3157, 0.3793, 0.1869)$

Have a look what the booklet for
Yxy(17.3157, 0.3793, 0.1869)
contains.

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Color

Yxy(17.3015, 0.3799, 0.1872)

Conversions

Conversions Part 1

Format	Color
Hex	D603AB
RGB	214, 3, 171
RGB Percent	84%, 1%, 67%
CMY	0.1608, 0.9877, 0.3295
CMYK	0.00, 0.99, 0.20, 0.16
HSL	312°, 97%, 43%
HSV	312°, 99%, 84%
XYZ	35.1113, 17.3015, 40.0097
YIQ	85.2410, 71.8280, 96.9800

Conversions

Conversions Part 2

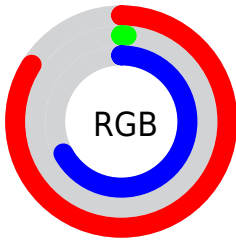
Format	Color
R_{YB}	214, 3, 171
Decimal	14025643
CIE _{Lab}	48.64, 80.15, -31.81
CIE _{LCh}	49, 86.232, 338.355
Yxy	17.3015, 0.3799, 0.1872
Android (android.graphics.Color)	4292215723 (0xFFD603AB)
YUV	85.2410, 42.2792, 112.9216
Hunter-Lab	41.5951, 77.8844, -27.9137

Details

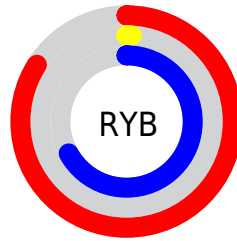
The Yxy color **17.3015, 0.3799, 0.1872** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **48.3065, 0.2943, 0.5784**, and the grayscale version is **9.0524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8115, 0.3473, 0.2045**, and **8.1780, 0.3894, 0.1919** is the 20% darker color. If you saturate the color by 10%, you get **17.2100, 0.3810, 0.1873**, and if you desaturate by 10%, it is **18.0791, 0.3723, 0.1878**.

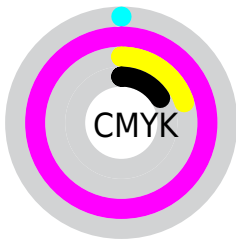
Distribution



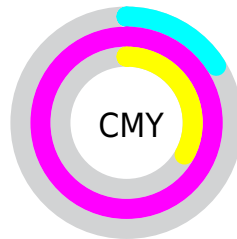
- Red (84%)
- Green (1%)
- Blue (67%)



- Red (84%)
- Yellow (1%)
- Blue (67%)



- Cyan (0%)
- Magenta (99%)
- Yellow (20%)
- Black (16%)





- Cyan (16%)
- Magenta (99%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.3015, 0.3799, 0.1872 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 17.3015, 0.3799, 0.1872 by changing the saturation by 10% instead.


 17.3015, 0.3799,
0.1872


 17.3015, 0.3799,
0.1872


236.9039, 0.3459,
0.2589


 10.4497, 0.3883,
0.1696


 38.8434, 0.3676,
0.2131


 5.6981, 0.3988,
0.1476


 54.3023, 0.3629,
0.2229


 2.6624, 0.4122,
0.1195


 73.3991, 0.3590,
0.2312

 0.9581, 0.4294,
0.0836

 96.5180, 0.3556,
0.2383

 0.0000, 0.4694,
0.0000

 124.0436, 0.3527,
0.2445

 0.0000, 0.4712,
0.0000

 156.3602, 0.3501,

 0.0000, 0.0000,

0.2499

0.0000

193.8521, 0.3479,
0.2546

■ 17.3015, 0.3799,
0.1872

■ 17.3015, 0.3799,
0.1872

■ 17.2100, 0.3810,
0.1873

■ 18.0791, 0.3723,
0.1878

■ 19.5271, 0.3644,
0.1928

■ 21.8126, 0.3563,
0.2023

■ 25.0448, 0.3484,
0.2159

■ 29.3165, 0.3407,
0.2327

■ 34.7091, 0.3336,
0.2517

■ 41.2962, 0.3272,
0.2718

■ 49.1450, 0.3214,
0.2922

■ 58.3178, 0.3164,
0.3124

Harmonies

Analogous

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



17.3015, 0.2259, 0.1403



17.3015, 0.3799, 0.1872



17.3015, 0.5460, 0.2578

Triad

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



17.3015, 0.3799, 0.1872



17.3015, 0.4529, 0.5471



17.3015, 0.0835, 0.2023

Complementary

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



17.3015, 0.3799, 0.1872



48.3065, 0.2943, 0.5784

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.



17.3015, 0.1127, 0.3551



17.3015, 0.3799, 0.1872



17.3015, 0.3198, 0.6380

Square

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



17.3015, 0.3799, 0.1872



17.3015, 0.5643, 0.4293



17.3015, 0.1973, 0.5744



17.3015, 0.0918, 0.1390

Rectangle

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



17.3015, 0.3799, 0.1872



17.3015, 0.6055, 0.3093



17.3015, 0.1973, 0.5744



17.3015, 0.0882, 0.2409

Sweetspot

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



17.3024, 0.3799, 0.1872



59.5557, 0.3283, 0.2682



5.4875, 0.1604, 0.0663



11.8363, 0.3310, 0.2596



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.



17.3024, 0.3799, 0.1872



25.5714, 0.3817, 0.1876



14.7607, 0.5744, 0.2948



12.5873, 0.3169, 0.3106



10.4188, 0.3800, 0.1867



0.6396, 0.3678, 0.1800

Inverse Universe

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



17.3024, 0.3799, 0.1872



25.5714, 0.3817, 0.1876



50.3339, 0.2528, 0.4291



12.5873, 0.3169, 0.3106



10.4188, 0.3800, 0.1867



0.6396, 0.3678, 0.1800

Previews

White Background



This preview shows how the Yxy color 17.3015, 0.3799, 0.1872 looks on a white background.

Color Contrast Check

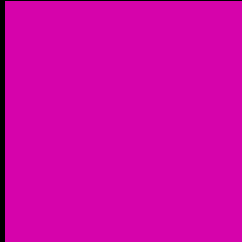
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3015, 0.3799, 0.1872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

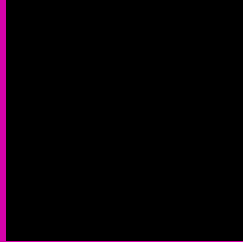
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3015, 0.3799, 0.1872

Background



This preview shows how black text looks on a background with the Yxy color 17.3015, 0.3799, 0.1872.



This preview shows how white text looks on a background with the Yxy color 17.3015, 0.3799, 0.1872.

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

17.3015, 0.3799, 0.1872

Protanopia

18.1611, 0.1735, 0.1447

Deuteranopia

17.9719, 0.2540, 0.2495



Tritanopia

17.5911, 0.5292, 0.3255

Trichromacy



Original Color

17.3015, 0.3799, 0.1872



Protanomaly

11.3427, 0.1877, 0.1188



Deuteranomaly

13.6418, 0.2917, 0.1921



Tritanomaly

16.4182, 0.4832, 0.2658

Monochromacy



Original Color

17.3015, 0.3799, 0.1872



Achromatopsia

9.0842, 0.3127, 0.3290



Achromatomaly

8.8989, 0.3471, 0.2201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3015, 0.3799, 0.1872 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, 3, 171)` looks like.

```
.text, #text, p{  
    color:rgb(214, 3, 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(214, 3, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 3, 171) }
```

Border

The CSS property to change the border of an element to Yxy 17.3015, 0.3799, 0.1872 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, 3, 171) }
```

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

```
.border{ border-color:rgb(214, 3, 171) }
```

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

Here you see how a box with a 4 pixel rgb(214, 3, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 3, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 3, 171);  
box-shadow:4px 4px 4px 4px rgb(214, 3,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3015, 0.3799, 0.1872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 3, 171) }
```

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

```
.background{ background-color: rgb(214, 3,  
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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