

Converting Colors

$Yxy(17.4959, 0.3903, 0.1923)$

Have a look what the booklet for
Yxy(17.4959, 0.3903, 0.1923)
contains.

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Color

Yxy(17.5417, 0.3902, 0.1923)

Conversions

Conversions Part 1

Format	Color
Hex	D900A7
RGB	217, 0, 167
RGB Percent	85%, 0%, 65%
CMY	0.1490, 1.0000, 0.3450
CMYK	0.00, 1.00, 0.23, 0.15
HSL	314°, 100%, 43%
HSV	314°, 100%, 85%
XYZ	35.5942, 17.5417, 38.0846
YIQ	83.9210, 75.7250, 97.9410

Conversions

Conversions Part 2

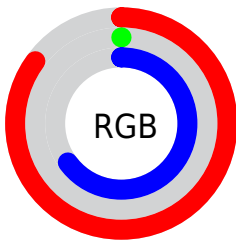
Format	Color
R_{YB}	217, 0, 167
Decimal	14221479
CIE _{Lab}	48.94, 80.50, -28.96
CIE _{LCh}	49, 85.555, 340.216
Yxy	17.5417, 0.3902, 0.1923
Android (android.graphics.Color)	4292411559 (0xFFD900A7)
YUV	83.9210, 40.9579, 116.7103
Hunter-Lab	41.8828, 78.4038, -24.5952

Details

The Yxy color **17.5417, 0.3902, 0.1923** 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 **49.8597, 0.2934, 0.5761**, and the grayscale version is **8.7522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3626, 0.3528, 0.2078**, and **8.4059, 0.4014, 0.1985** is the 20% darker color. If you saturate the color by 10%, you get **17.5441, 0.3902, 0.1923**, and if you desaturate by 10%, it is **18.2950, 0.3814, 0.1920**.

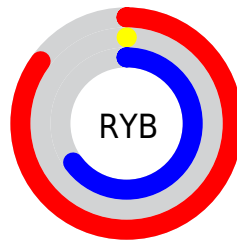
Distribution



Red (85%)

Green (0%)

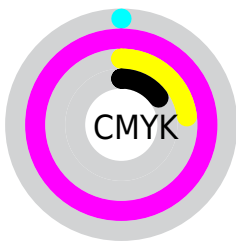
Blue (65%)



Red (85%)

Yellow (0%)

Blue (65%)

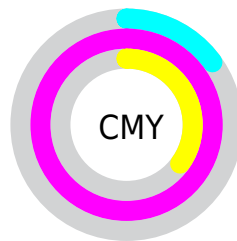


Cyan (0%)

Magenta (100%)

Yellow (23%)

Black (15%)



Cyan (15%)


Magenta (100%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5417, 0.3902, 0.1923 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 17.5417, 0.3902, 0.1923 by changing the saturation by 10% instead.


 17.5417, 0.3902,
0.1923


 17.5417, 0.3902,
0.1923


238.2750, 0.3501,
0.2618


 10.6215, 0.4004,
0.1751


 39.2548, 0.3754,
0.2176


 5.8129, 0.4136,
0.1534


 54.8165, 0.3699,
0.2271

 2.7317, 0.4310,
0.1255


 74.0274, 0.3653,
0.2351

 0.9933, 0.4545,
0.0894

 97.2721, 0.3613,
0.2420

 0.0000, 0.5092,
0.0000

 124.9347, 0.3579,
0.2479

 0.0000, 0.5369,
0.0000

 157.3998, 0.3550,

 0.0000, 0.0000,

0.2531

0.0000

195.0518, 0.3524,
0.2577

■ 17.5417, 0.3902,
0.1923

■ 17.5417, 0.3902,
0.1923

■ 17.5441, 0.3902,
0.1923

■ 18.2950, 0.3814,
0.1920

■ 19.6854, 0.3723,
0.1958

■ 21.9236, 0.3630,
0.2043

■ 25.1262, 0.3538,
0.2169

■ 29.3912, 0.3451,
0.2329

■ 34.8046, 0.3370,
0.2511

■ 41.4436, 0.3297,
0.2706

■ 49.3786, 0.3232,
0.2905

■ 58.6747, 0.3176,
0.3101

Harmonies

Analogous

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



17.5417, 0.2346, 0.1438



17.5417, 0.3902, 0.1923



17.5417, 0.5512, 0.2635

Triad

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



17.5417, 0.3902, 0.1923



17.5417, 0.4455, 0.5541



17.5417, 0.0847, 0.1978

Complementary

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



17.5417, 0.3902, 0.1923



49.8597, 0.2934, 0.5761

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.



17.5417, 0.1113, 0.3426



17.5417, 0.3902, 0.1923



17.5417, 0.3130, 0.6369

Square

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



17.5417, 0.3902, 0.1923



17.5417, 0.5571, 0.4362



17.5417, 0.1923, 0.5595



17.5417, 0.0949, 0.1386

Rectangle

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



17.5417, 0.3902, 0.1923



17.5417, 0.6050, 0.3151



17.5417, 0.1923, 0.5595



17.5417, 0.0887, 0.2343

Sweetspot

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



17.5441, 0.3902, 0.1923



59.4369, 0.3299, 0.2700



5.6149, 0.1605, 0.0658



11.8076, 0.3329, 0.2617



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.



17.5441, 0.3902, 0.1923



25.2581, 0.3909, 0.1927



15.0950, 0.5846, 0.2994



13.2209, 0.3173, 0.3112



10.6363, 0.3890, 0.1916



0.7018, 0.3756, 0.1843

Inverse Universe

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



17.5441, 0.3902, 0.1923



25.2581, 0.3909, 0.1927



52.0137, 0.2513, 0.4248



13.2209, 0.3173, 0.3112



10.6363, 0.3890, 0.1916



0.7018, 0.3756, 0.1843

Previews

White Background



This preview shows how the Yxy color 17.5417, 0.3902, 0.1923 looks on a white background.

Color Contrast Check

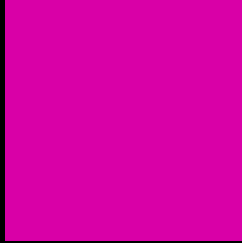
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5417, 0.3902, 0.1923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

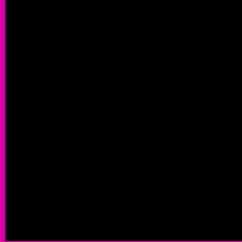
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5417, 0.3902, 0.1923

Background



This preview shows how black text looks on a background with the Yxy color 17.5417, 0.3902, 0.1923.



This preview shows how white text looks on a background with the Yxy color 17.5417, 0.3902, 0.1923.

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

17.5417, 0.3902, 0.1923

Protanopia

18.4891, 0.1786, 0.1503

Deuteranopia

18.1423, 0.2625, 0.2567



Tritanopia

17.8814, 0.5356, 0.3267

Trichromacy



Original Color

17.5417, 0.3902, 0.1923



Protanomaly

12.2853, 0.2055, 0.1286



Deuteranomaly

13.7315, 0.3021, 0.1975



Tritanomaly

16.6729, 0.4910, 0.2682

Monochromacy



Original Color

17.5417, 0.3902, 0.1923



Achromatopsia

8.8656, 0.3127, 0.3290



Achromatomaly

8.6666, 0.3513, 0.2202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5417, 0.3902, 0.1923 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(217, 0, 167)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 0, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 167) }
```

Border

The CSS property to change the border of an element to Yxy 17.5417, 0.3902, 0.1923 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(217, 0, 167) }
```

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

```
.border{ border-color:rgb(217, 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(217, 0, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 167);  
box-shadow:4px 4px 4px 4px rgb(217, 0,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5417, 0.3902, 0.1923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 0, 167) }
```

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

```
.background{ background-color: rgb(217, 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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