

Converting Colors

$Yxy(17.7934, 0.3778, 0.1855)$

Have a look what the booklet for
Yxy(17.7934, 0.3778, 0.1855)
contains.

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Color

Yxy(17.8469, 0.3776, 0.1854)

Conversions

Conversions Part 1

Format	Color
Hex	D900AF
RGB	217, 0, 175
RGB Percent	85%, 0%, 69%
CMY	0.1490, 0.9994, 0.3139
CMYK	0.00, 1.00, 0.19, 0.15
HSL	312°, 100%, 43%
HSV	312°, 100%, 85%
XYZ	36.3484, 17.8469, 42.0663
YIQ	84.8330, 73.1570, 100.4290

Conversions

Conversions Part 2

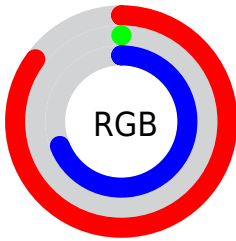
Format	Color
R_{YB}	217, 0, 175
Decimal	14221487
CIE _{Lab}	49.31, 81.42, -33.06
CIE _{LCh}	49, 87.875, 337.899
Yxy	17.8469, 0.3776, 0.1854
Android (android.graphics.Color)	4292411567 (0xFFD900AF)
YUV	84.8330, 44.4523, 115.9105
Hunter-Lab	42.2456, 79.6528, -29.4665

Details

The Yxy color **17.8469, 0.3776, 0.1854** 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 **49.7917, 0.2951, 0.5822**, and the grayscale version is **8.9616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0349, 0.3431, 0.2014**, and **8.5732, 0.3859, 0.1899** is the 20% darker color. If you saturate the color by 10%, you get **17.8430, 0.3777, 0.1854**, and if you desaturate by 10%, it is **18.5807, 0.3705, 0.1858**.

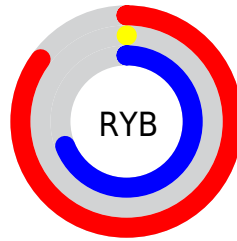
Distribution



Red (85%)

Green (0%)

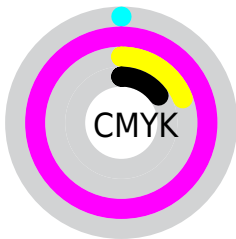
Blue (69%)



Red (85%)

Yellow (0%)

Blue (69%)

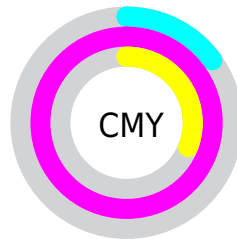


Cyan (0%)

Magenta (100%)

Yellow (19%)

Black (15%)



Cyan (15%)


Magenta (100%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.8469, 0.3776, 0.1854 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 17.8469, 0.3776, 0.1854 by changing the saturation by 10% instead.


 17.8469, 0.3776,
0.1854


 17.8469, 0.3776,
0.1854


240.0067, 0.3452,
0.2574


 10.8401, 0.3854,
0.1680


 39.7763, 0.3660,
0.2113

 5.9594, 0.3951,
0.1461


 55.4677, 0.3616,
0.2211


 2.8204, 0.4074,
0.1185


 74.8227, 0.3578,
0.2295

 1.0387, 0.4227,
0.0835

 98.2258, 0.3546,
0.2367

 0.0000, 0.4599,
0.0000

 126.0614, 0.3518,
0.2429

 0.0000, 0.4573,
0.0000

 158.7138, 0.3493,

 0.0000, 0.0000,

0.2483

0.0000

196.5674, 0.3471,
0.2531

■ 17.8469, 0.3776,
0.1854

■ 17.8469, 0.3776,
0.1854

■ 17.8430, 0.3777,
0.1854

■ 18.5807, 0.3705,
0.1858

■ 19.9542, 0.3631,
0.1902

■ 22.1743, 0.3555,
0.1993

■ 25.3573, 0.3479,
0.2125

■ 29.6011, 0.3406,
0.2291

■ 34.9916, 0.3337,
0.2480

■ 41.6059, 0.3274,
0.2682

■ 49.5142, 0.3218,
0.2889

■ 58.7818, 0.3169,
0.3094

Harmonies

Analogous

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



17.8469, 0.2234, 0.1388



17.8469, 0.3776, 0.1854



17.8469, 0.5458, 0.2559

Triad

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



17.8469, 0.3776, 0.1854



17.8469, 0.4545, 0.5455



17.8469, 0.0825, 0.2027

Complementary

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



17.8469, 0.3776, 0.1854



49.7917, 0.2951, 0.5822

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.



17.8469, 0.1122, 0.3582



17.8469, 0.3776, 0.1854



17.8469, 0.3210, 0.6396

Square

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



17.8469, 0.3776, 0.1854



17.8469, 0.5667, 0.4273



17.8469, 0.1978, 0.5797



17.8469, 0.0905, 0.1384

Rectangle

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



17.8469, 0.3776, 0.1854



17.8469, 0.6069, 0.3074



17.8469, 0.1978, 0.5797



17.8469, 0.0874, 0.2421

Sweetspot

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



17.8478, 0.3776, 0.1854



59.6015, 0.3276, 0.2675



5.4624, 0.1579, 0.0644



11.8473, 0.3302, 0.2588



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.



17.8478, 0.3776, 0.1854



25.6953, 0.3782, 0.1857



15.1817, 0.5727, 0.2929



13.2293, 0.3167, 0.3104



10.8171, 0.3767, 0.1849



0.7121, 0.3659, 0.1789

Inverse Universe

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



17.8478, 0.3776, 0.1854



25.6953, 0.3782, 0.1857



51.7717, 0.2547, 0.4368



13.2293, 0.3167, 0.3104



10.8171, 0.3767, 0.1849



0.7121, 0.3659, 0.1789

Previews

White Background



This preview shows how the Yxy color 17.8469, 0.3776, 0.1854 looks on a white background.

Color Contrast Check

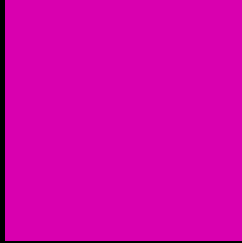
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8469, 0.3776, 0.1854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

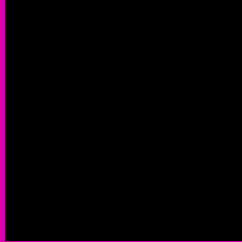
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.8469, 0.3776, 0.1854

Background



This preview shows how black text looks on a background with the Yxy color 17.8469, 0.3776, 0.1854.



This preview shows how white text looks on a background with the Yxy color 17.8469, 0.3776, 0.1854.

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

17.8469, 0.3776, 0.1854

Protanopia

18.7931, 0.1737, 0.1454

Deuteranopia

18.6405, 0.2522, 0.2473



Tritanopia

18.2926, 0.5272, 0.3255

Trichromacy



Original Color

17.8469, 0.3776, 0.1854



Protanomaly

11.5418, 0.1873, 0.1175



Deuteranomaly

13.9703, 0.2896, 0.1887



Tritanomaly

16.9242, 0.4809, 0.2637

Monochromacy



Original Color

17.8469, 0.3776, 0.1854



Achromatopsia

9.0842, 0.3127, 0.3290



Achromatomaly

8.9329, 0.3453, 0.2163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8469, 0.3776, 0.1854 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(217, 0, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 175) }
```

Border

The CSS property to change the border of an element to Yxy 17.8469, 0.3776, 0.1854 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, 175) }
```

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

```
.border{ border-color:rgb(217, 0, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 175);  
box-shadow:4px 4px 4px 4px rgb(217, 0,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8469, 0.3776, 0.1854 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, 175) }
```

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

```
.background{ background-color: rgb(217, 0,  
175) }
```

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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