

Converting Colors

$Yxy(17.5526, 0.3878, 0.1910)$

Have a look what the booklet for
Yxy(17.5526, 0.3878, 0.1910)
contains.

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Color

Yxy(17.5789, 0.3886, 0.1914)

Conversions

Conversions Part 1

Format	Color
Hex	D900A8
RGB	217, 0, 168
RGB Percent	85%, 0%, 66%
CMY	0.1489, 1.0000, 0.3410
CMYK	0.00, 1.00, 0.23, 0.15
HSL	314°, 100%, 43%
HSV	314°, 100%, 85%
XYZ	35.6905, 17.5789, 38.5744
YIQ	84.0350, 75.4040, 98.2520

Conversions

Conversions Part 2

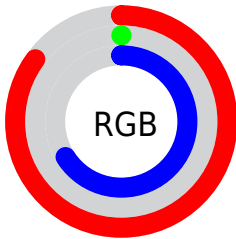
Format	Color
R_{YB}	217, 0, 168
Decimal	14221480
CIE _{Lab}	48.98, 80.63, -29.48
CIE _{LCh}	49, 85.852, 339.917
Yxy	17.5789, 0.3886, 0.1914
Android (android.graphics.Color)	4292411560 (0xFFD900A8)
YUV	84.0350, 41.3947, 116.6103
Hunter-Lab	41.9272, 78.5754, -25.1997

Details

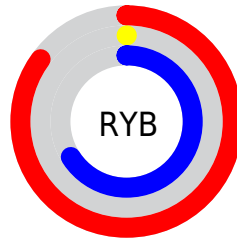
The Yxy color **17.5789, 0.3886, 0.1914** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **49.8588, 0.2936, 0.5769**, and the grayscale version is **8.7769, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5931, 0.3516, 0.2077**, and **8.4291, 0.3991, 0.1972** is the 20% darker color. If you saturate the color by 10%, you get **17.5835, 0.3886, 0.1914**, and if you desaturate by 10%, it is **18.3322, 0.3800, 0.1912**.

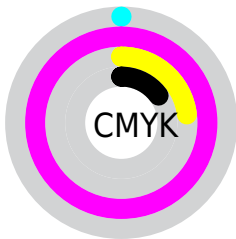
Distribution



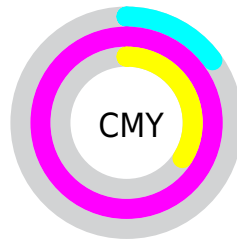
- Red (85%)
- Green (0%)
- Blue (66%)



- Red (85%)
- Yellow (0%)
- Blue (66%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (15%)





- Cyan (15%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5789, 0.3886, 0.1914 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 17.5789, 0.3886, 0.1914 by changing the saturation by 10% instead.


 17.5789, 0.3886,
0.1914


 17.5789, 0.3886,
0.1914


238.4867, 0.3495,
0.2612


 10.6481, 0.3985,
0.1742


 39.3185, 0.3742,
0.2167


 5.8307, 0.4112,
0.1524


 54.8960, 0.3688,
0.2263

 2.7424, 0.4279,
0.1245


 74.1246, 0.3643,
0.2344

 0.9988, 0.4504,
0.0886

 97.3886, 0.3605,
0.2413

 0.0000, 0.5027,
0.0000

 125.0724, 0.3572,
0.2473

 0.0000, 0.5247,
0.0000

 157.5604, 0.3543,

 0.0000, 0.0000,

0.2525

0.0000

195.2370, 0.3517,
0.2571

■ 17.5789, 0.3886,
0.1914

■ 17.5789, 0.3886,
0.1914

■ 17.5835, 0.3886,
0.1914

■ 18.3322, 0.3800,
0.1912

■ 19.7200, 0.3711,
0.1951

■ 21.9556, 0.3620,
0.2036

■ 25.1555, 0.3531,
0.2164

■ 29.4176, 0.3445,
0.2324

■ 34.8280, 0.3366,
0.2507

■ 41.4639, 0.3294,
0.2703

■ 49.3957, 0.3230,
0.2903

■ 58.6885, 0.3175,
0.3100

Harmonies

Analogous

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



17.5789, 0.2331, 0.1431



17.5789, 0.3886, 0.1914



17.5789, 0.5506, 0.2625

Triad

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



17.5789, 0.3886, 0.1914



17.5789, 0.4468, 0.5532



17.5789, 0.0844, 0.1984

Complementary

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



17.5789, 0.3886, 0.1914



49.8588, 0.2936, 0.5769

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.



17.5789, 0.1114, 0.3445



17.5789, 0.3886, 0.1914



17.5789, 0.3140, 0.6373

Square

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



17.5789, 0.3886, 0.1914



17.5789, 0.5583, 0.4351



17.5789, 0.1930, 0.5621



17.5789, 0.0943, 0.1385

Rectangle

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



17.5789, 0.3886, 0.1914



17.5789, 0.6053, 0.3141



17.5789, 0.1930, 0.5621



17.5789, 0.0885, 0.2352

Sweetspot

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



17.5835, 0.3886, 0.1914



59.4574, 0.3296, 0.2697



5.6158, 0.1605, 0.0658



11.8126, 0.3326, 0.2613



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.



17.5835, 0.3886, 0.1914



25.3114, 0.3893, 0.1918



15.0973, 0.5846, 0.2994



13.2219, 0.3172, 0.3111



10.6584, 0.3874, 0.1908



0.7031, 0.3744, 0.1836

Inverse Universe

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



17.5835, 0.3886, 0.1914



25.3114, 0.3893, 0.1918



52.0216, 0.2513, 0.4248



13.2219, 0.3172, 0.3111



10.6584, 0.3874, 0.1908



0.7031, 0.3744, 0.1836

Previews

White Background



This preview shows how the Yxy color 17.5789, 0.3886, 0.1914 looks on a white background.

Color Contrast Check

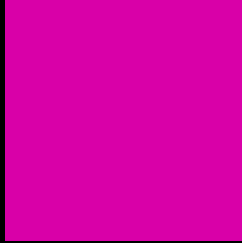
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5789, 0.3886, 0.1914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

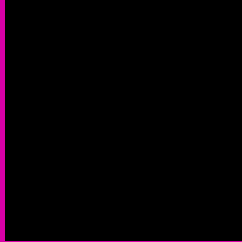
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5789, 0.3886, 0.1914

Background



This preview shows how black text looks on a background with the Yxy color 17.5789, 0.3886, 0.1914.



This preview shows how white text looks on a background with the Yxy color 17.5789, 0.3886, 0.1914.

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

17.5789, 0.3886, 0.1914

Protanopia

18.5426, 0.1774, 0.1486

Deuteranopia

18.1132, 0.2606, 0.2549



Tritanopia

17.8939, 0.5342, 0.3257

Trichromacy



Original Color

17.5789, 0.3886, 0.1914



Protanomaly

12.1659, 0.2027, 0.1269



Deuteranomaly

13.7667, 0.3008, 0.1963



Tritanomaly

16.6936, 0.4891, 0.2670

Monochromacy



Original Color

17.5789, 0.3886, 0.1914



Achromatopsia

8.8656, 0.3127, 0.3290



Achromatomaly

8.6895, 0.3494, 0.2187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5789, 0.3886, 0.1914 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(217, 0, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 168) }
```

Border

The CSS property to change the border of an element to Yxy 17.5789, 0.3886, 0.1914 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, 168) }
```

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

```
.border{ border-color:rgb(217, 0, 168) }
```

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, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 168);  
box-shadow:4px 4px 4px 4px rgb(217, 0,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5789, 0.3886, 0.1914 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, 168) }
```

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

```
.background{ background-color: rgb(217, 0,  
168) }
```

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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