

Converting Colors

$Yxy(17.4874, 0.4378, 0.2186)$

Have a look what the booklet for
Yxy(17.4874, 0.4378, 0.2186)
contains.

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Color

Yxy(17.5128, 0.4379, 0.2186)

Conversions

Conversions Part 1

Format	Color
Hex	DE008F
RGB	222, 0, 143
RGB Percent	87%, 0%, 56%
CMY	0.1294, 0.9998, 0.4392
CMYK	0.00, 1.00, 0.36, 0.13
HSL	321°, 100%, 44%
HSV	321°, 100%, 87%
XYZ	35.0817, 17.5128, 27.5190
YIQ	82.6800, 86.4090, 91.5370

Conversions

Conversions Part 2

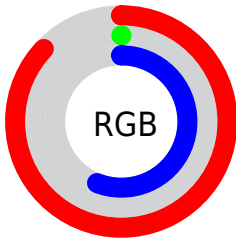
Format	Color
R_{YB}	222, 0, 143
Decimal	14549135
CIE _{Lab}	48.90, 78.92, -14.55
CIE _{LCh}	49, 80.251, 349.551
Yxy	17.5128, 0.4379, 0.2186
Android (android.graphics.Color)	4292739215 (0xFFDE008F)
YUV	82.6800, 29.7378, 122.1836
Hunter-Lab	41.8483, 76.4031, -9.6946

Details

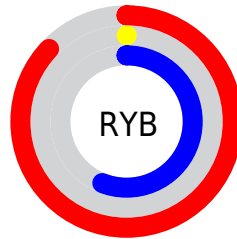
The Yxy color **17.5128, 0.4379, 0.2186** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **52.8069, 0.2854, 0.5473**, and the grayscale version is **8.5151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1199, 0.3818, 0.2290**, and **8.3674, 0.4615, 0.2316** is the 20% darker color. If you saturate the color by 10%, you get **17.5117, 0.4379, 0.2186**, and if you desaturate by 10%, it is **18.3443, 0.4224, 0.2153**.

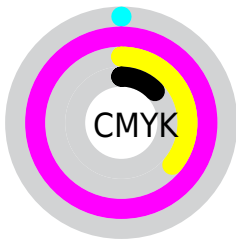
Distribution



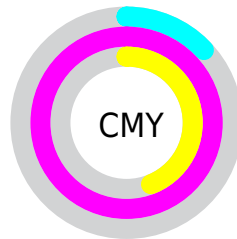
- Red (87%)
- Green (0%)
- Blue (56%)



- Red (87%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (13%)





- Cyan (13%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.5128, 0.4379, 0.2186 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 17.5128, 0.4379, 0.2186 by changing the saturation by 10% instead.


 17.5128, 0.4379,
0.2186


 17.5128, 0.4379,
0.2186


238.1104, 0.3686,
0.2773


 10.6008, 0.4575,
0.2030


 39.2054, 0.4110,
0.2407


 5.7991, 0.4841,
0.1826


 54.7547, 0.4014,
0.2488

 2.7233, 0.5219,
0.1549

 73.9520, 0.3935,
0.2555

 0.9890, 0.5788,
0.1165

 97.1815, 0.3869,
0.2612

 0.0000, 0.7159,
0.0000

 124.8277, 0.3813,
0.2661

 0.0000, 1.0000,
0.0000

 157.2750, 0.3765,

 0.0000, 0.0000,

0.2704

0.0000

194.9078, 0.3723,
0.2741

■ 17.5128, 0.4379,
0.2186

■ 17.5128, 0.4379,
0.2186

■ 17.5117, 0.4379,
0.2186

■ 18.3443, 0.4224,
0.2153

■ 19.8617, 0.4065,
0.2165

■ 22.2826, 0.3906,
0.2228

■ 25.7308, 0.3753,
0.2334

■ 30.3101, 0.3612,
0.2471

■ 36.1116, 0.3485,
0.2628

■ 43.2173, 0.3374,
0.2796

■ 51.7018, 0.3278,
0.2966

■ 61.6342, 0.3196,
0.3132

Harmonies

Analogous

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



17.5128, 0.2797, 0.1628



17.5128, 0.4379, 0.2186



17.5128, 0.5687, 0.2918

Triad

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



17.5128, 0.4379, 0.2186



17.5128, 0.4043, 0.5758



17.5128, 0.0926, 0.1807

Complementary

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



17.5128, 0.4379, 0.2186



52.8069, 0.2854, 0.5473

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.



17.5128, 0.1072, 0.2903



17.5128, 0.4379, 0.2186



17.5128, 0.2802, 0.6171

Square

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



17.5128, 0.4379, 0.2186



17.5128, 0.5200, 0.4699



17.5128, 0.1700, 0.4835



17.5128, 0.1123, 0.1387

Rectangle

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



17.5128, 0.4379, 0.2186



17.5128, 0.5957, 0.3442



17.5128, 0.1700, 0.4835



17.5128, 0.0933, 0.2077

Sweetspot

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



17.5138, 0.4379, 0.2186



58.8889, 0.3376, 0.2791



6.8839, 0.1758, 0.0742



11.6762, 0.3422, 0.2720



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.



17.5138, 0.4379, 0.2186



23.9489, 0.4391, 0.2192



15.6423, 0.6214, 0.3197



13.8485, 0.3192, 0.3140



10.4238, 0.4357, 0.2174



0.7394, 0.4135, 0.2051

Inverse Universe

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



17.5138, 0.4379, 0.2186



23.9489, 0.4391, 0.2192



55.9029, 0.2382, 0.3775



13.8485, 0.3192, 0.3140



10.4238, 0.4357, 0.2174



0.7394, 0.4135, 0.2051

Previews

White Background



This preview shows how the Yxy color 17.5128, 0.4379, 0.2186 looks on a white background.

Color Contrast Check

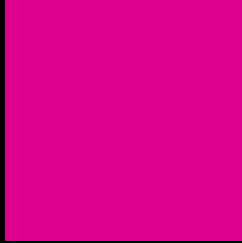
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5128, 0.4379, 0.2186 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 17.5128, 0.4379, 0.2186

Background



This preview shows how black text looks on a background with the Yxy color 17.5128, 0.4379, 0.2186.



This preview shows how white text looks on a background with the Yxy color 17.5128, 0.4379, 0.2186.

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

17.5128, 0.4379, 0.2186

Protanopia

18.2889, 0.2054, 0.1851

Deuteranopia

18.0925, 0.3005, 0.2956



Tritanopia

17.9937, 0.5628, 0.3281

Trichromacy



Original Color

17.5128, 0.4379, 0.2186



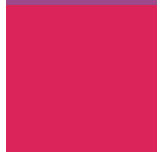
Protanomaly

12.8883, 0.2548, 0.1640



Deuteranomaly

13.8403, 0.3496, 0.2304



Tritanomaly

17.0600, 0.5278, 0.2841

Monochromacy



Original Color

17.5128, 0.4379, 0.2186



Achromatopsia

8.6500, 0.3127, 0.3290



Achromatomaly

8.6345, 0.3731, 0.2359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5128, 0.4379, 0.2186 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(222, 0, 143)` looks like.

```
.text, #text, p{  
    color:rgb(222, 0, 143)  
}
```

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(222, 0, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 0, 143) }
```

Border

The CSS property to change the border of an element to Yxy 17.5128, 0.4379, 0.2186 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(222, 0, 143) }
```

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

```
.border{ border-color:rgb(222, 0, 143) }
```

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

Here you see how a box with a 4 pixel rgb(222, 0, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 0, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 0, 143);  
box-shadow:4px 4px 4px 4px rgb(222, 0,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5128, 0.4379, 0.2186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 0, 143) }
```

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

```
.background{ background-color: rgb(222, 0,  
143) }
```

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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