

Converting Colors

$Y_{xy}(17.7470, 0.4279, 0.2149)$

Have a look what the booklet for
Yxy(17.7470, 0.4279, 0.2149)
contains.

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Color

Yxy(17.7056, 0.4272, 0.2145)

Conversions

Conversions Part 1

Format	Color
Hex	DD0994
RGB	221, 9, 148
RGB Percent	87%, 4%, 58%
CMY	0.1333, 0.9647, 0.4196
CMYK	0.00, 0.96, 0.33, 0.13
HSL	321°, 92%, 45%
HSV	321°, 96%, 87%
XYZ	35.2626, 17.7056, 29.5754
YIQ	88.2340, 81.7330, 88.1730

Conversions

Conversions Part 2

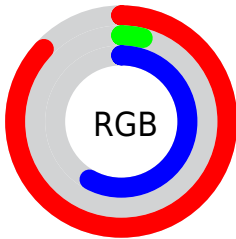
Format	Color
RYB	221, 9, 148
Decimal	14485908
CIELab	49.14, 78.51, -17.22
CIELCh	49, 80.379, 347.630
Yxy	17.7056, 0.4272, 0.2145
Android (android.graphics.Color)	4292675988 (0xFFDD0994)
YUV	88.2340, 29.4646, 116.4358
Hunter-Lab	42.0780, 75.9517, -12.2185

Details

The Yxy color **17.7056, 0.4272, 0.2145** 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 **52.3829, 0.2848, 0.5427**, and the grayscale version is **9.7356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7087, 0.3755, 0.2260**, and **8.3367, 0.4497, 0.2251** is the 20% darker color. If you saturate the color by 10%, you get **17.4139, 0.4333, 0.2160**, and if you desaturate by 10%, it is **18.7459, 0.4122, 0.2130**.

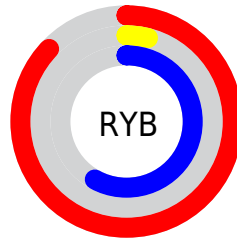
Distribution



Red (87%)

Green (4%)

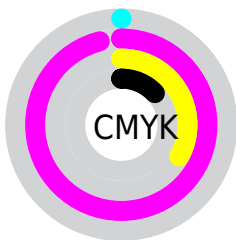
Blue (58%)



Red (87%)

Yellow (4%)

Blue (58%)

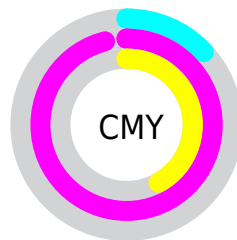


Cyan (0%)

Magenta (96%)

Yellow (33%)

Black (13%)



Cyan (13%)


Magenta (96%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.7056, 0.4272, 0.2145 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 17.7056, 0.4272, 0.2145 by changing the saturation by 10% instead.


 17.7056, 0.4272,
0.2145


 17.7056, 0.4272,
0.2145


239.2064, 0.3644,
0.2748


 10.7388, 0.4447,
0.1987


 39.5350, 0.4030,
0.2370


 5.8915, 0.4683,
0.1782


 55.1665, 0.3943,
0.2453

 2.7792, 0.5016,
0.1507


 74.4550, 0.3872,
0.2522

 1.0176, 0.5512,
0.1130

 97.7848, 0.3812,
0.2581

 0.0000, 0.6713,
0.0000

 125.5405, 0.3760,
0.2632

 0.0000, 1.0000,
0.0000

 158.1064, 0.3716,

 0.0000, 0.0000,

0.2676

0.0000

195.8669, 0.3678,
0.2714

■ 17.7056, 0.4272,
0.2145

■ 17.7056, 0.4272,
0.2145

■ 17.4139, 0.4333,
0.2160

■ 18.7459, 0.4122,
0.2130

■ 20.5909, 0.3969,
0.2166

■ 23.3817, 0.3819,
0.2250

■ 27.2314, 0.3676,
0.2371

■ 32.2371, 0.3545,
0.2520

■ 38.4848, 0.3429,
0.2686

■ 46.0525, 0.3327,
0.2857

■ 55.0115, 0.3240,
0.3029

■ 65.4280, 0.3165,
0.3195

Harmonies

Analogous

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



17.7056, 0.2710, 0.1603



17.7056, 0.4272, 0.2145



17.7056, 0.5627, 0.2871

Triad

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



17.7056, 0.4272, 0.2145



17.7056, 0.4123, 0.5694



17.7056, 0.0927, 0.1855

Complementary

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



17.7056, 0.4272, 0.2145



52.3829, 0.2848, 0.5427

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.



17.7056, 0.1098, 0.3006



17.7056, 0.4272, 0.2145



17.7056, 0.2882, 0.6184

Square

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



17.7056, 0.4272, 0.2145



17.7056, 0.5259, 0.4628



17.7056, 0.1762, 0.4960



17.7056, 0.1103, 0.1403

Rectangle

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



17.7056, 0.4272, 0.2145



17.7056, 0.5950, 0.3391



17.7056, 0.1762, 0.4960



17.7056, 0.0941, 0.2141

Sweetspot

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



17.7066, 0.4272, 0.2145



60.0151, 0.3359, 0.2800



7.1078, 0.1777, 0.0769



11.8907, 0.3403, 0.2726



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.



17.7066, 0.4272, 0.2145



24.0568, 0.4344, 0.2167



15.7530, 0.6077, 0.3151



13.1947, 0.3190, 0.3138



10.1376, 0.4311, 0.2148



0.6727, 0.4086, 0.2024

Inverse Universe

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



17.7066, 0.4272, 0.2145



24.0568, 0.4344, 0.2167



55.3046, 0.2396, 0.3808



13.1947, 0.3190, 0.3138



10.1376, 0.4311, 0.2148



0.6727, 0.4086, 0.2024

Previews

White Background



This preview shows how the Yxy color 17.7056, 0.4272, 0.2145 looks on a white background.

Color Contrast Check

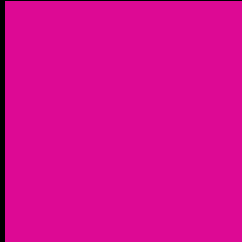
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7056, 0.4272, 0.2145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

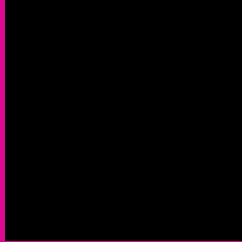
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.7056, 0.4272, 0.2145

Background



This preview shows how black text looks on a background with the Yxy color 17.7056, 0.4272, 0.2145.



This preview shows how white text looks on a background with the Yxy color 17.7056, 0.4272, 0.2145.

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

17.7056, 0.4272, 0.2145

Protanopia

18.3811, 0.2001, 0.1783

Deuteranopia

18.0895, 0.2925, 0.2866



Tritanopia

17.9119, 0.5572, 0.3280

Trichromacy



Original Color

17.7056, 0.4272, 0.2145



Protanomaly

13.3117, 0.2466, 0.1608



Deuteranomaly

14.2900, 0.3399, 0.2272



Tritanomaly

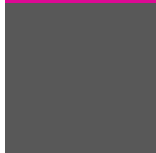
17.1279, 0.5186, 0.2830

Monochromacy



Original Color

17.7056, 0.4272, 0.2145



Achromatopsia

9.7587, 0.3127, 0.3290



Achromatomaly

9.4880, 0.3648, 0.2382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.7056, 0.4272, 0.2145 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(221, 9, 148)` looks like.

```
.text, #text, p{  
    color:rgb(221, 9, 148)  
}
```

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(221, 9, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 9, 148) }
```

Border

The CSS property to change the border of an element to Yxy 17.7056, 0.4272, 0.2145 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(221, 9, 148) }
```

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

```
.border{ border-color:rgb(221, 9, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 9, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 9, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 9, 148);  
box-shadow:4px 4px 4px 4px rgb(221, 9,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 17.7056, 0.4272, 0.2145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 9, 148) }
```

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

```
.background{ background-color: rgb(221, 9,  
148) }
```

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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