

Converting Colors

$Y_{xy}(13.2862, 0.4090, 0.1905)$

Have a look what the booklet for
Yxy(13.2862, 0.4090, 0.1905)
contains.

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Color

Yxy(14.4618, 0.4072, 0.2017)

Conversions

Conversions Part 1

Format	Color
Hex	C90091
RGB	201, 0, 145
RGB Percent	79%, 0%, 57%
CMY	0.2118, 0.9996, 0.4314
CMYK	0.00, 1.00, 0.28, 0.21
HSL	317°, 100%, 39%
HSV	317°, 100%, 79%
XYZ	29.1961, 14.4618, 28.0417
YIQ	76.6290, 73.2510, 87.7070

Conversions

Conversions Part 2

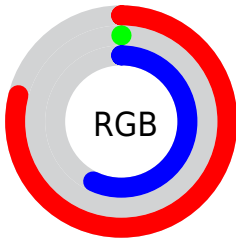
Format	Color
R_{YB}	201, 0, 145
Decimal	13172881
CIE _{Lab}	44.89, 74.92, -22.27
CIE _{LCh}	45, 78.154, 343.447
Yxy	14.4618, 0.4072, 0.2017
Android (android.graphics.Color)	4291362961 (0xFFC90091)
YUV	76.6290, 33.7069, 109.0734
Hunter-Lab	38.0287, 70.4911, -17.0994

Details

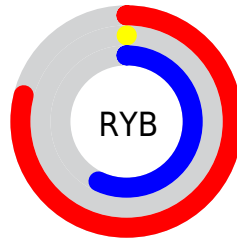
The Yxy color **14.4618, 0.4072, 0.2017** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **42.0551, 0.2904, 0.5653**, and the grayscale version is **7.2866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.5283, 0.3800, 0.2242**, and **6.5589, 0.4265, 0.2123** is the 20% darker color. If you saturate the color by 10%, you get **14.4595, 0.4073, 0.2017**, and if you desaturate by 10%, it is **15.1449, 0.3959, 0.2006**.

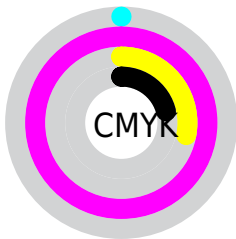
Distribution



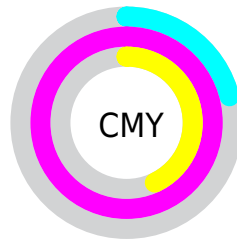
- Red (79%)
- Green (0%)
- Blue (57%)



- Red (79%)
- Yellow (0%)
- Blue (57%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (21%)



- Cyan (21%)
- Magenta (100%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4618, 0.4072, 0.2017 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 14.4618, 0.4072, 0.2017 by changing the saturation by 10% instead.


 14.4618, 0.4072,
0.2017


 14.4618, 0.4072,
0.2017


220.0851, 0.3552,
0.2695


 8.4425, 0.4218,
0.1838


 33.9062, 0.3871,
0.2272


 4.3794, 0.4414,
0.1605


 48.1002, 0.3799,
0.2365


 1.8880, 0.4691,
0.1293


 65.7878, 0.3740,
0.2443

 0.5411, 0.5133,
0.0814

 87.3535, 0.3690,
0.2509

 0.0000, 0.5939,
0.0000

 113.1817, 0.3648,
0.2565

 0.0000, 1.0000,
0.0000

 143.6568, 0.3611,

 0.0000, 0.0000,

0.2614

0.0000

179.1631, 0.3580,
0.2657

■ 14.4618, 0.4072,
0.2017

■ 14.4618, 0.4072,
0.2017

■ 14.4595, 0.4073,
0.2017

■ 15.1449, 0.3959,
0.2006

■ 16.3611, 0.3844,
0.2037

■ 18.2914, 0.3728,
0.2116

■ 21.0316, 0.3615,
0.2236

■ 24.6627, 0.3509,
0.2388

■ 29.2558, 0.3411,
0.2560

■ 34.8748, 0.3324,
0.2744

■ 41.5781, 0.3248,
0.2931

■ 49.4196, 0.3183,
0.3114

Harmonies

Analogous

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



14.4618, 0.2502, 0.1505



14.4618, 0.4072, 0.2017



14.4618, 0.5579, 0.2737

Triad

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



14.4618, 0.4072, 0.2017



14.4618, 0.4322, 0.5640



14.4618, 0.0877, 0.1915

Complementary

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



14.4618, 0.4072, 0.2017



42.0551, 0.2904, 0.5653

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.



14.4618, 0.1100, 0.3227



14.4618, 0.4072, 0.2017



14.4618, 0.3018, 0.6315

Square

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



14.4618, 0.4072, 0.2017



14.4618, 0.5453, 0.4493



14.4618, 0.1845, 0.5321



14.4618, 0.1011, 0.1387

Rectangle

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



14.4618, 0.4072, 0.2017



14.4618, 0.6019, 0.3254



14.4618, 0.1845, 0.5321



14.4618, 0.0905, 0.2243

Sweetspot

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



14.4626, 0.4072, 0.2017



59.2223, 0.3328, 0.2735



4.9940, 0.1659, 0.0688



11.7560, 0.3364, 0.2656



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.



14.4626, 0.4072, 0.2017



24.7179, 0.4087, 0.2025



12.6232, 0.5992, 0.3075



10.7642, 0.3179, 0.3125



9.1089, 0.4057, 0.2009



0.4432, 0.3842, 0.1890

Inverse Universe

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



14.4626, 0.4072, 0.2017



24.7179, 0.4087, 0.2025



44.1056, 0.2462, 0.4063



10.7642, 0.3179, 0.3125



9.1089, 0.4057, 0.2009



0.4432, 0.3842, 0.1890

Previews

White Background



This preview shows how the Yxy color 14.4618, 0.4072, 0.2017 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 14.4618, 0.4072, 0.2017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

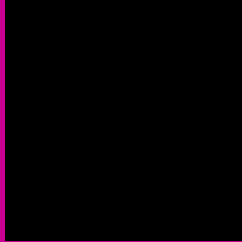
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4618, 0.4072, 0.2017

Background



This preview shows how black text looks on a background with the Yxy color 14.4618, 0.4072, 0.2017.



This preview shows how white text looks on a background with the Yxy color 14.4618, 0.4072, 0.2017.

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

14.4618, 0.4072, 0.2017

Protanopia

15.2894, 0.1887, 0.1639

Deuteranopia

15.0889, 0.2759, 0.2699



Tritanopia

14.8546, 0.5450, 0.3267

Trichromacy



Original Color

14.4618, 0.4072, 0.2017



Protanomaly

10.5392, 0.2254, 0.1431



Deuteranomaly

11.4538, 0.3199, 0.2096



Tritanomaly

13.8874, 0.5042, 0.2741

Monochromacy



Original Color

14.4618, 0.4072, 0.2017



Achromatopsia

7.4214, 0.3127, 0.3290



Achromatomaly

7.2935, 0.3580, 0.2266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4618, 0.4072, 0.2017 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(201, 0, 145)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 145)  
}
```

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(201, 0, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 145) }
```

Border

The CSS property to change the border of an element to Yxy 14.4618, 0.4072, 0.2017 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(201, 0, 145) }
```

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

```
.border{ border-color:rgb(201, 0, 145) }
```

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

Here you see how a box with a 4 pixel rgb(201, 0, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 145);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4618, 0.4072, 0.2017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 145) }
```

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

```
.background{ background-color: rgb(201, 0,  
145) }
```

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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