

Converting Colors

$Y_{xy}(14.8259, 0.3910, 0.1928)$

Have a look what the booklet for
Yxy(14.8259, 0.3910, 0.1928)
contains.

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Color

Yxy(14.7506, 0.3910, 0.1928)

Conversions

Conversions Part 1

Format	Color
Hex	C9009A
RGB	201, 0, 154
RGB Percent	79%, 0%, 60%
CMY	0.2119, 0.9991, 0.3961
CMYK	0.00, 1.00, 0.23, 0.21
HSL	314°, 100%, 39%
HSV	314°, 100%, 79%
XYZ	29.9143, 14.7506, 31.8423
YIQ	77.6550, 70.3620, 90.5060

Conversions

Conversions Part 2

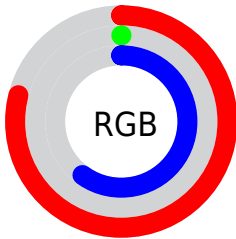
Format	Color
RYB	201, 0, 154
Decimal	13172890
CIELab	45.29, 75.92, -27.08
CIElCh	45, 80.609, 340.370
Yxy	14.7506, 0.3910, 0.1928
Android (android.graphics.Color)	4291362970 (0xFFC9009A)
YUV	77.6550, 37.6381, 108.1736
Hunter-Lab	38.4065, 71.8200, -22.2720

Details

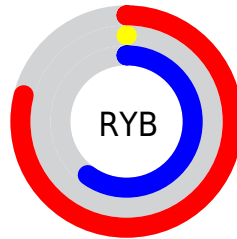
The Yxy color **14.7506, 0.3910, 0.1928** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **41.9681, 0.2929, 0.5745**, and the grayscale version is **7.4921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1758, 0.3679, 0.2164**, and **6.7301, 0.4031, 0.1994** is the 20% darker color. If you saturate the color by 10%, you get **14.7449, 0.3911, 0.1928**, and if you desaturate by 10%, it is **15.4179, 0.3820, 0.1927**.

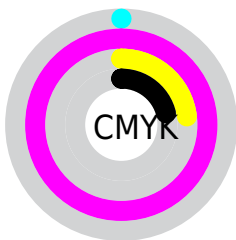
Distribution



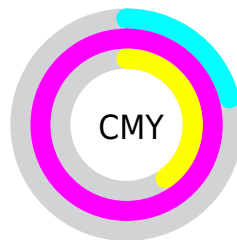
- Red (79%)
- Green (0%)
- Blue (60%)



- Red (79%)
- Yellow (0%)
- Blue (60%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (21%)




- Cyan (21%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7506, 0.3910, 0.1928 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 14.7506, 0.3910, 0.1928 by changing the saturation by 10% instead.


 14.7506, 0.3910,
0.1928


 14.7506, 0.3910,
0.1928


221.8517, 0.3493,
0.2641


 8.6445, 0.4021,
0.1745


 34.4151, 0.3753,
0.2192


 4.5101, 0.4166,
0.1510


 48.7423, 0.3695,
0.2290


 1.9628, 0.4363,
0.1202


 66.5786, 0.3647,
0.2372

 0.5857, 0.4654,
0.0760

 88.3085, 0.3607,
0.2442

 0.0000, 0.5172,
0.0000

 114.3164, 0.3572,
0.2502

 0.0000, 0.7178,
0.0000

 144.9866, 0.3542,

 0.0000, 0.0000,

0.2554

0.0000

180.7036, 0.3516,
0.2600

■ 14.7506, 0.3910,
0.1928

■ 14.7506, 0.3910,
0.1928

■ 14.7449, 0.3911,
0.1928

■ 15.4179, 0.3820,
0.1927

■ 16.6180, 0.3728,
0.1966

■ 18.5301, 0.3633,
0.2053

■ 21.2499, 0.3541,
0.2180

■ 24.8583, 0.3452,
0.2339

■ 29.4263, 0.3371,
0.2520

■ 35.0176, 0.3297,
0.2713

■ 41.6906, 0.3232,
0.2911

■ 49.4991, 0.3175,
0.3105

Harmonies

Analogous

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



14.7506, 0.2354, 0.1442



14.7506, 0.3910, 0.1928



14.7506, 0.5515, 0.2640

Triad

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



14.7506, 0.3910, 0.1928



14.7506, 0.4452, 0.5548



14.7506, 0.0849, 0.1976

Complementary

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



14.7506, 0.3910, 0.1928



41.9681, 0.2929, 0.5745

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.



14.7506, 0.1113, 0.3416



14.7506, 0.3910, 0.1928



14.7506, 0.3125, 0.6366

Square

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



14.7506, 0.3910, 0.1928



14.7506, 0.5577, 0.4378



14.7506, 0.1919, 0.5581



14.7506, 0.0953, 0.1386

Rectangle

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



14.7506, 0.3910, 0.1928



14.7506, 0.6047, 0.3156



14.7506, 0.1919, 0.5581



14.7506, 0.0889, 0.2338

Sweetspot

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



14.7514, 0.3910, 0.1928



59.4205, 0.3301, 0.2703



4.8262, 0.1625, 0.0669



11.8037, 0.3332, 0.2620



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.



14.7514, 0.3910, 0.1928



25.2154, 0.3923, 0.1935



12.6823, 0.5887, 0.3018



10.7725, 0.3173, 0.3115



9.2887, 0.3899, 0.1921



0.4504, 0.3727, 0.1827

Inverse Universe

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



14.7514, 0.3910, 0.1928



25.2154, 0.3923, 0.1935



43.8817, 0.2495, 0.4182



10.7725, 0.3173, 0.3115



9.2887, 0.3899, 0.1921



0.4504, 0.3727, 0.1827

Previews

White Background



This preview shows how the Yxy color 14.7506, 0.3910, 0.1928 looks on a white background.

Color Contrast Check

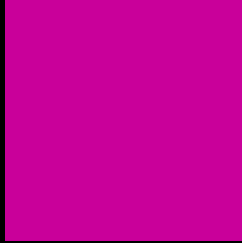
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7506, 0.3910, 0.1928 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 14.7506, 0.3910, 0.1928

Background



This preview shows how black text looks on a background with the Yxy color 14.7506, 0.3910, 0.1928.



This preview shows how white text looks on a background with the Yxy color 14.7506, 0.3910, 0.1928.

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

14.7506, 0.3910, 0.1928

Protanopia

15.7459, 0.1796, 0.1523

Deuteranopia

15.5054, 0.2635, 0.2592



Tritanopia

15.1770, 0.5344, 0.3265

Trichromacy



Original Color

14.7506, 0.3910, 0.1928



Protanomaly

10.4541, 0.2073, 0.1311



Deuteranomaly

11.7127, 0.3023, 0.1991



Tritanomaly

14.1844, 0.4909, 0.2688

Monochromacy



Original Color

14.7506, 0.3910, 0.1928



Achromatopsia

7.6185, 0.3127, 0.3290



Achromatomaly

7.5328, 0.3513, 0.2222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7506, 0.3910, 0.1928 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, 154)` looks like.

```
.text, #text, p{  
  color:rgb(201, 0, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 154) }
```

Border

The CSS property to change the border of an element to Yxy 14.7506, 0.3910, 0.1928 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, 154) }
```

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

```
.border{ border-color:rgb(201, 0, 154) }
```

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, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 154);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7506, 0.3910, 0.1928 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, 154) }
```

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

```
.background{ background-color: rgb(201, 0,  
154) }
```

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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