

Converting Colors

$Y_{xy}(14.2273, 0.3784, 0.1907)$

Have a look what the booklet for
Yxy(14.2273, 0.3784, 0.1907)
contains.

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Color

Yxy(14.1698, 0.3774, 0.1900)

Conversions

Conversions Part 1

Format	Color
Hex	C1139B
RGB	193, 19, 155
RGB Percent	76%, 7%, 61%
CMY	0.2431, 0.9257, 0.3922
CMYK	0.00, 0.90, 0.20, 0.24
HSL	313°, 82%, 42%
HSV	313°, 90%, 76%
XYZ	28.1457, 14.1698, 32.2624
YIQ	86.5300, 60.0480, 79.1840

Conversions

Conversions Part 2

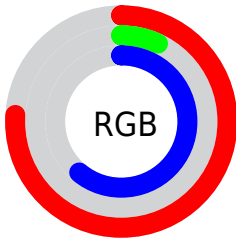
Format	Color
R _Y B	193, 19, 155
Decimal	12653467
CIE Lab	44.48, 72.60, -29.07
CIE LCh	44, 78.201, 338.180
Yxy	14.1698, 0.3774, 0.1900
Android (android.graphics.Color)	4290843547 (0xFFC1139B)
YUV	86.5300, 33.7557, 93.3742
Hunter-Lab	37.6428, 67.5904, -24.4655

Details

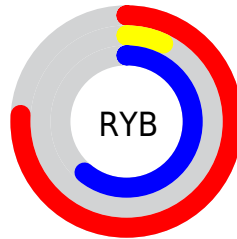
The Yxy color **14.1698, 0.3774, 0.1900** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **38.5824, 0.2914, 0.5598**, and the grayscale version is **9.3348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3645, 0.3643, 0.2168**, and **6.1302, 0.3896, 0.1920** is the 20% darker color. If you saturate the color by 10%, you get **13.5703, 0.3855, 0.1897**, and if you desaturate by 10%, it is **15.2526, 0.3689, 0.1942**.

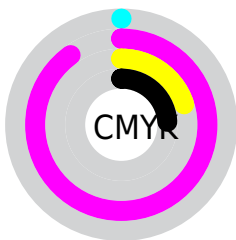
Distribution



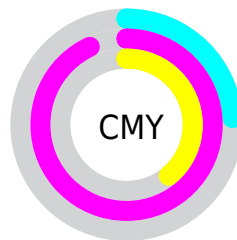
- Red (76%)
- Green (7%)
- Blue (61%)



- Red (76%)
- Yellow (7%)
- Blue (61%)



- Cyan (0%)
- Magenta (90%)
- Yellow (20%)
- Black (24%)




- Cyan (24%)
- Magenta (93%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1698, 0.3774, 0.1900 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 14.1698, 0.3774, 0.1900 by changing the saturation by 10% instead.


 14.1698, 0.3774,
0.1900


 14.1698, 0.3774,
0.1900


218.2846, 0.3435,
0.2629


 8.2389, 0.3861,
0.1712


 33.3900, 0.3648,
0.2170


 4.2482, 0.3973,
0.1472


 47.4481, 0.3602,
0.2271


 1.8133, 0.4119,
0.1158


 64.9840, 0.3563,
0.2355

 0.4955, 0.4341,
0.0680

 86.3821, 0.3529,
0.2426

 0.0000, 0.4657,
0.0000

 112.0268, 0.3501,
0.2487

 0.0000, 0.4631,
0.0000

 142.3025, 0.3476,

 0.0000, 0.0000,

0.2541

0.0000

177.5937, 0.3454,
0.2587

■ 14.1698, 0.3774,
0.1900

■ 14.1698, 0.3774,
0.1900

■ 13.5703, 0.3855,
0.1897

■ 15.2526, 0.3689,
0.1942

■ 16.9803, 0.3602,
0.2030

■ 19.4403, 0.3517,
0.2158

■ 22.7060, 0.3435,
0.2319

■ 26.8419, 0.3358,
0.2502

■ 31.9059, 0.3289,
0.2698

■ 37.9509, 0.3228,
0.2898

■ 45.0258, 0.3174,
0.3096

■ 53.1763, 0.3128,
0.3286

Harmonies

Analogous

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



14.1698, 0.2276, 0.1438



14.1698, 0.3774, 0.1900



14.1698, 0.5386, 0.2598

Triad

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



14.1698, 0.3774, 0.1900



14.1698, 0.4547, 0.5453



14.1698, 0.0877, 0.2067

Complementary

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



14.1698, 0.3774, 0.1900



38.5824, 0.2914, 0.5598

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.



14.1698, 0.1177, 0.3563



14.1698, 0.3774, 0.1900



14.1698, 0.3233, 0.6293

Square

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



14.1698, 0.3774, 0.1900



14.1698, 0.5613, 0.4300



14.1698, 0.2022, 0.5664



14.1698, 0.0955, 0.1432

Rectangle

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



14.1698, 0.3774, 0.1900



14.1698, 0.5977, 0.3111



14.1698, 0.2022, 0.5664



14.1698, 0.0927, 0.2450

Sweetspot

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



14.1705, 0.3774, 0.1900



59.9442, 0.3272, 0.2753



5.1746, 0.1706, 0.0766



12.1139, 0.3294, 0.2685



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.1705, 0.3774, 0.1900



24.2602, 0.3866, 0.1904



12.2245, 0.5524, 0.2900



10.2086, 0.3170, 0.3112



9.0359, 0.3845, 0.1892



0.4000, 0.3676, 0.1799

Inverse Universe

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



14.1705, 0.3774, 0.1900



24.2602, 0.3866, 0.1904



40.2918, 0.2500, 0.4137



10.2086, 0.3170, 0.3112



9.0359, 0.3845, 0.1892



0.4000, 0.3676, 0.1799

Previews

White Background



This preview shows how the Yxy color 14.1698, 0.3774, 0.1900 looks on a white background.

Color Contrast Check

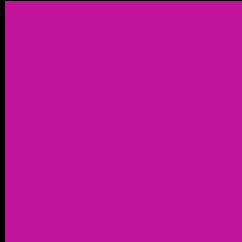
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1698, 0.3774, 0.1900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

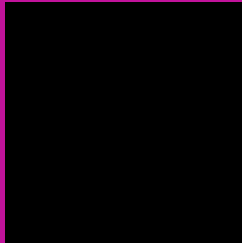
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1698, 0.3774, 0.1900

Background



This preview shows how black text looks on a background with the Yxy color 14.1698, 0.3774, 0.1900.



This preview shows how white text looks on a background with the Yxy color 14.1698, 0.3774, 0.1900.

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

14.1698, 0.3774, 0.1900

Protanopia

14.8487, 0.1763, 0.1484

Deuteranopia

14.5804, 0.2553, 0.2502



Tritanopia

14.3875, 0.5216, 0.3261

Trichromacy



Original Color

14.1698, 0.3774, 0.1900



Protanomaly

10.3236, 0.1990, 0.1322



Deuteranomaly

11.8928, 0.2924, 0.2018



Tritanomaly

13.7337, 0.4759, 0.2700

Monochromacy



Original Color

14.1698, 0.3774, 0.1900



Achromatopsia

9.3059, 0.3127, 0.3290



Achromatomaly

8.9529, 0.3427, 0.2351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1698, 0.3774, 0.1900 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(193, 19, 155)` looks like.

```
.text, #text, p{  
  color:rgb(193, 19, 155)  
}
```

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(193, 19, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 19, 155) }
```

Border

The CSS property to change the border of an element to Yxy 14.1698, 0.3774, 0.1900 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(193, 19, 155) }
```

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

```
.border{ border-color:rgb(193, 19, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 19, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 19, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 19, 155);  
box-shadow:4px 4px 4px 4px rgb(193, 19,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1698, 0.3774, 0.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 19, 155) }
```

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

```
.background{ background-color: rgb(193, 19,  
155) }
```

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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