

Converting Colors

$Yxy(15.9394, 0.3335, 0.1619)$

Have a look what the booklet for
Yxy(15.9394, 0.3335, 0.1619)
contains.

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Color

Yxy(15.9248, 0.3339, 0.1622)

Conversions

Conversions Part 1

Format	Color
Hex	C705BD
RGB	199, 5, 189
RGB Percent	78%, 2%, 74%
CMY	0.2198, 0.9791, 0.2589
CMYK	0.00, 0.97, 0.05, 0.22
HSL	303°, 95%, 40%
HSV	303°, 97%, 78%
XYZ	32.7823, 15.9248, 49.4729
YIQ	83.9820, 56.5600, 98.3520

Conversions

Conversions Part 2

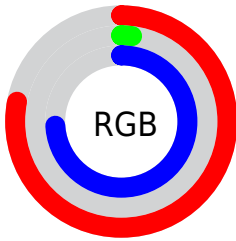
Format	Color
RYB	199, 5, 189
Decimal	13043133
CIELab	46.88, 79.63, -45.35
CIElCh	47, 91.639, 330.339
Yxy	15.9248, 0.3339, 0.1622
Android (android.graphics.Color)	4291233213 (0xFFC705BD)
YUV	83.9820, 51.7739, 100.8708
Hunter-Lab	39.9059, 76.8008, -45.5700

Details

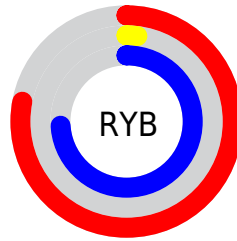
The Yxy color **15.9248, 0.3339, 0.1622** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **40.8989, 0.2992, 0.5950**, and the grayscale version is **8.7845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.5681, 0.3281, 0.1891**, and **7.3247, 0.3298, 0.1591** is the 20% darker color. If you saturate the color by 10%, you get **15.7977, 0.3343, 0.1615**, and if you desaturate by 10%, it is **16.5598, 0.3322, 0.1657**.

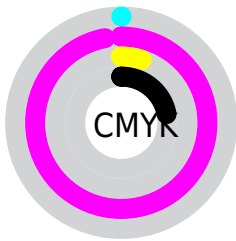
Distribution



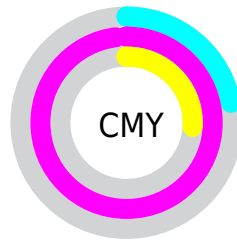
- Red (78%)
- Green (2%)
- Blue (74%)



- Red (78%)
- Yellow (2%)
- Blue (74%)



- Cyan (0%)
- Magenta (97%)
- Yellow (5%)
- Black (22%)




- Cyan (22%)
- Magenta (98%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9248, 0.3339, 0.1622 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 15.9248, 0.3339, 0.1622 by changing the saturation by 10% instead.


 15.9248, 0.3339,
0.1622


 15.9248, 0.3339,
0.1622


228.8976, 0.3271,
0.2444


 9.4710, 0.3340,
0.1430


 36.4676, 0.3325,
0.1913


 5.0496, 0.3332,
0.1196


 51.3254, 0.3317,
0.2025

 2.2764, 0.3301,
0.0911


 69.7532, 0.3308,
0.2121

 0.7612, 0.3222,
0.0570

 92.1355, 0.3300,
0.2203

 0.0000, 0.3090,
0.0000

 118.8567, 0.3292,
0.2275

 0.0000, 0.2452,
0.0000

 150.3012, 0.3284,

 0.0000, 0.0000,

0.2338

0.0000

186.8534, 0.3278,
0.2394

■ 15.9248, 0.3339,
0.1622

■ 15.9248, 0.3339,
0.1622

■ 15.7977, 0.3343,
0.1615

■ 16.5598, 0.3322,
0.1657

■ 17.7863, 0.3302,
0.1733

■ 19.7287, 0.3281,
0.1852

■ 22.4756, 0.3257,
0.2010

■ 26.1032, 0.3233,
0.2202

■ 30.6785, 0.3209,
0.2418

■ 36.2622, 0.3185,
0.2649

■ 42.9099, 0.3162,
0.2887

■ 50.6733, 0.3141,
0.3122

Harmonies

Analogous

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



15.9248, 0.1870, 0.1226



15.9248, 0.3339, 0.1622



15.9248, 0.5235, 0.2299

Triad

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



15.9248, 0.3339, 0.1622



15.9248, 0.4858, 0.5142



15.9248, 0.0750, 0.2222

Complementary

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



15.9248, 0.3339, 0.1622



40.8989, 0.2992, 0.5950

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.



15.9248, 0.1158, 0.4200



15.9248, 0.3339, 0.1622



15.9248, 0.3497, 0.6454

Square

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



15.9248, 0.3339, 0.1622



15.9248, 0.6006, 0.3973



15.9248, 0.2161, 0.6456



15.9248, 0.0759, 0.1383

Rectangle

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



15.9248, 0.3339, 0.1622



15.9248, 0.6108, 0.2813



15.9248, 0.2161, 0.6456



15.9248, 0.0827, 0.2732

Sweetspot

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



15.9256, 0.3339, 0.1622



61.3047, 0.3190, 0.2600



4.3394, 0.1526, 0.0627



12.2036, 0.3200, 0.2499



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.



15.9256, 0.3339, 0.1622



27.6613, 0.3345, 0.1617



13.0337, 0.5112, 0.2607



10.8068, 0.3145, 0.3074



10.1668, 0.3341, 0.1614



0.4844, 0.3311, 0.1598

Inverse Universe

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



15.9256, 0.3339, 0.1622



27.6613, 0.3345, 0.1617



42.0296, 0.2671, 0.4799



10.8068, 0.3145, 0.3074



10.1668, 0.3341, 0.1614



0.4844, 0.3311, 0.1598

Previews

White Background



This preview shows how the Yxy color 15.9248, 0.3339, 0.1622 looks on a white background.

Color Contrast Check

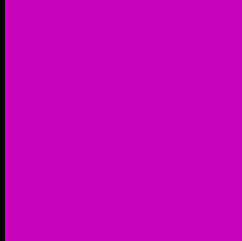
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9248, 0.3339, 0.1622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

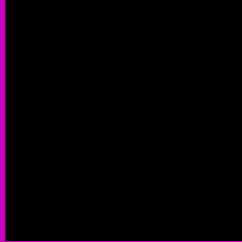
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9248, 0.3339, 0.1622

Background



This preview shows how black text looks on a background with the Yxy color 15.9248, 0.3339, 0.1622.



This preview shows how white text looks on a background with the Yxy color 15.9248, 0.3339, 0.1622.

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

15.9248, 0.3339, 0.1622

Protanopia

16.6504, 0.1741, 0.1468

Deuteranopia

16.6024, 0.2179, 0.2128



Tritanopia

16.1534, 0.4923, 0.3233

Trichromacy



Original Color

15.9248, 0.3339, 0.1622



Protanomaly

10.7905, 0.1840, 0.1155



Deuteranomaly

12.3399, 0.2446, 0.1607



Tritanomaly

14.7350, 0.4374, 0.2463

Monochromacy



Original Color

15.9248, 0.3339, 0.1622



Achromatopsia

8.8656, 0.3127, 0.3290



Achromatomaly

8.5731, 0.3256, 0.2070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9248, 0.3339, 0.1622 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(199, 5, 189)` looks like.

```
.text, #text, p{  
    color:rgb(199, 5, 189)  
}
```

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(199, 5, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 5, 189) }
```

Border

The CSS property to change the border of an element to Yxy 15.9248, 0.3339, 0.1622 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(199, 5, 189) }
```

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

```
.border{ border-color:rgb(199, 5, 189) }
```

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

Here you see how a box with a 4 pixel rgb(199, 5, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 5, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 5, 189);  
box-shadow:4px 4px 4px 4px rgb(199, 5,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9248, 0.3339, 0.1622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 5, 189) }
```

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

```
.background{ background-color: rgb(199, 5,  
189) }
```

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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