

Converting Colors

$Y_{xy}(18.3614, 0.4050, 0.2399)$

Have a look what the booklet for
Yxy(18.3614, 0.4050, 0.2399)
contains.

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Color

Yxy(18.3549, 0.4046, 0.2403)

Conversions

Conversions Part 1

Format	Color
Hex	C9438D
RGB	201, 67, 141
RGB Percent	79%, 26%, 55%
CMY	0.2117, 0.7373, 0.4470
CMYK	0.00, 0.67, 0.30, 0.21
HSL	327°, 55%, 53%
HSV	327°, 67%, 79%
XYZ	30.9047, 18.3549, 27.1237
YIQ	115.5020, 56.1100, 51.4220

Conversions

Conversions Part 2

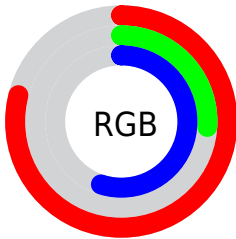
Format	Color
R_{YB}	201, 67, 141
Decimal	13190029
CIE _{Lab}	49.92, 59.67, -12.18
CIE _{LCh}	50, 60.897, 348.462
Yxy	18.3549, 0.4046, 0.2403
Android (android.graphics.Color)	4291380109 (0xFFC9438D)
YUV	115.5020, 12.5705, 74.9817
Hunter-Lab	42.8426, 53.7870, -7.5467

Details

The Yxy color **18.3549, 0.4046, 0.2403** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **44.5001, 0.2737, 0.4506**, and the grayscale version is **17.2534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3660, 0.3785, 0.2561**, and **6.5950, 0.4364, 0.2178** is the 20% darker color. If you saturate the color by 10%, you get **16.1096, 0.4255, 0.2342**, and if you desaturate by 10%, it is **21.4529, 0.3851, 0.2502**.

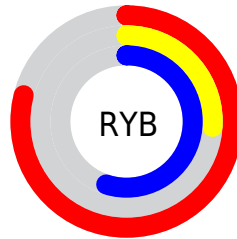
Distribution



Red (79%)

Green (26%)

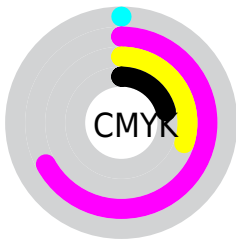
Blue (55%)



Red (79%)

Yellow (26%)

Blue (55%)

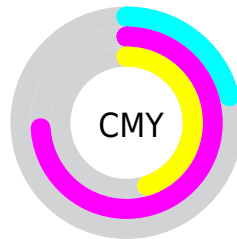


Cyan (0%)

Magenta (67%)

Yellow (30%)

Black (21%)



Cyan (21%)


Magenta (74%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3549, 0.4046, 0.2403 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 18.3549, 0.4046, 0.2403 by changing the saturation by 10% instead.


 18.3549, 0.4046,
0.2403


 18.3549, 0.4046,
0.2403


242.8639, 0.3535,
0.2882

 11.2051, 0.4193,
0.2272


 40.6411, 0.3847,
0.2585


 6.2050, 0.4394,
0.2097


 56.5464, 0.3776,
0.2651

 2.9701, 0.4686,
0.1854


 76.1388, 0.3718,
0.2706

 1.1161, 0.5140,
0.1498

 99.8030, 0.3669,
0.2752

 0.0000, 0.6559,
0.0000

 127.9231, 0.3628,
0.2792

 0.0000, 1.0000,
0.0000

160.8838, 0.3593,

 0.0000, 0.0000,

0.2826

0.0000

199.0692, 0.3562,
0.2855

■ 18.3549, 0.4046,
0.2403

■ 18.3549, 0.4046,
0.2403

■ 16.1096, 0.4255,
0.2342

■ 21.4529, 0.3851,
0.2502

■ 14.6235, 0.4469,
0.2330

■ 25.4785, 0.3675,
0.2628

■ 13.7792, 0.4679,
0.2370

■ 30.5016, 0.3520,
0.2768

■ 13.5667, 0.4749,
0.2390

■ 36.5843, 0.3387,
0.2914

■ 43.7840, 0.3275,
0.3060

■ 52.1537, 0.3181,
0.3200

■ 61.7430, 0.3103,
0.3333

■ 72.5987, 0.3038,
0.3457

■ 84.7650, 0.2984,
0.3572

Harmonies

Analogous

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



18.3549, 0.2858, 0.1925



18.3549, 0.4046, 0.2403



18.3549, 0.5050, 0.3049

Triad

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



18.3549, 0.4046, 0.2403



18.3549, 0.4053, 0.5265



18.3549, 0.1306, 0.2177

Complementary

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



18.3549, 0.4046, 0.2403



44.5001, 0.2737, 0.4506

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.



18.3549, 0.1491, 0.3103



18.3549, 0.4046, 0.2403



18.3549, 0.3034, 0.5393

Square

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



18.3549, 0.4046, 0.2403



18.3549, 0.4912, 0.4556



18.3549, 0.2089, 0.4457



18.3549, 0.1463, 0.1756

Rectangle

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



18.3549, 0.4046, 0.2403



18.3549, 0.5337, 0.3525



18.3549, 0.2089, 0.4457



18.3549, 0.1327, 0.2422

Sweetspot

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



18.3559, 0.4046, 0.2403



70.2818, 0.3313, 0.3008



12.5961, 0.2330, 0.1396



14.2919, 0.3345, 0.2966



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.



18.3559, 0.4046, 0.2403



26.2971, 0.4350, 0.2330



16.9528, 0.5169, 0.3198



10.7334, 0.3205, 0.3163



8.5485, 0.4720, 0.2374



0.4192, 0.4322, 0.2155

Inverse Universe

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



18.3559, 0.4046, 0.2403



26.2971, 0.4350, 0.2330



46.7773, 0.2394, 0.3421



10.7334, 0.3205, 0.3163



8.5485, 0.4720, 0.2374



0.4192, 0.4322, 0.2155

Previews

White Background



This preview shows how the Yxy color 18.3549, 0.4046, 0.2403 looks on a white background.

Color Contrast Check

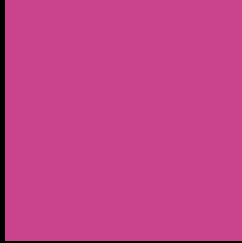
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3549, 0.4046, 0.2403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

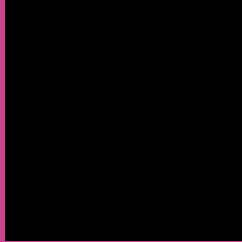
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.3549, 0.4046, 0.2403

Background



This preview shows how black text looks on a background with the Yxy color 18.3549, 0.4046, 0.2403.



This preview shows how white text looks on a background with the Yxy color 18.3549, 0.4046, 0.2403.

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

18.3549, 0.4046, 0.2403

Protanopia

18.5496, 0.2367, 0.2258

Deuteranopia

18.4971, 0.3018, 0.2960



Tritanopia

18.4271, 0.4852, 0.3234

Trichromacy



Original Color

18.3549, 0.4046, 0.2403

Protanomaly

16.8383, 0.2827, 0.2233

Deuteranomaly

17.2169, 0.3365, 0.2653

Tritanomaly

18.2153, 0.4568, 0.2922

Monochromacy



Original Color

18.3549, 0.4046, 0.2403

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.4191, 0.3464, 0.2829

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3549, 0.4046, 0.2403 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, 67, 141)` looks like.

```
.text, #text, p{  
    color:rgb(201, 67, 141)  
}
```

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, 67, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 67, 141) }
```

Border

The CSS property to change the border of an element to Yxy 18.3549, 0.4046, 0.2403 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, 67, 141) }
```

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

```
.border{ border-color:rgb(201, 67, 141) }
```

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

Here you see how a box with a 4 pixel rgb(201, 67, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 67, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 67, 141);  
box-shadow:4px 4px 4px 4px rgb(201, 67,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3549, 0.4046, 0.2403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 67, 141) }
```

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

```
.background{ background-color: rgb(201, 67,  
141) }
```

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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