

Converting Colors

$Y_{xy}(19.2430, 0.3739, 0.2322)$

Have a look what the booklet for
Yxy(19.2430, 0.3739, 0.2322)
contains.

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Color

Yxy(19.2430, 0.3739, 0.2322)

Conversions

Conversions Part 1

Format	Color
Hex	C34D9A
RGB	195, 77, 154
RGB Percent	76%, 30%, 60%
CMY	0.2354, 0.6979, 0.3962
CMYK	0.00, 0.60, 0.21, 0.24
HSL	321°, 50%, 53%
HSV	321°, 60%, 76%
XYZ	30.9860, 19.2430, 32.6435
YIQ	121.0600, 45.6110, 48.9630

Conversions

Conversions Part 2

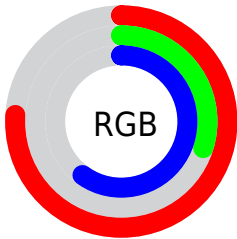
Format	Color
R_{YB}	195, 77, 154
Decimal	12799386
CIE _{Lab}	50.97, 55.46, -18.39
CIE _{LCh}	51, 58.427, 341.653
Yxy	19.2430, 0.3739, 0.2322
Android (android.graphics.Color)	4290989466 (0xFFC34D9A)
YUV	121.0600, 16.2394, 64.8454
Hunter-Lab	43.8668, 49.3193, -13.4138

Details

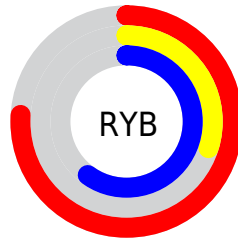
The Yxy color **19.2430, 0.3739, 0.2322** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **41.9072, 0.2821, 0.4574**, and the grayscale version is **19.0799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.1768, 0.3607, 0.2509**, and **6.6455, 0.3942, 0.2006** is the 20% darker color. If you saturate the color by 10%, you get **16.6915, 0.3886, 0.2216**, and if you desaturate by 10%, it is **22.6268, 0.3603, 0.2460**.

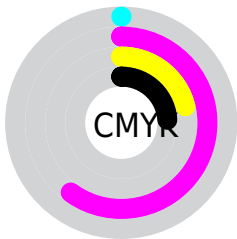
Distribution



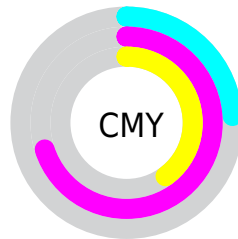
- Red (76%)
- Green (30%)
- Blue (60%)



- Red (76%)
- Yellow (30%)
- Blue (60%)



- Cyan (0%)
- Magenta (60%)
- Yellow (21%)
- Black (24%)




- Cyan (24%)
- Magenta (70%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2430, 0.3739, 0.2322 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 19.2430, 0.3739, 0.2322 by changing the saturation by 10% instead.


 19.2430, 0.3739,
0.2322


 19.2430, 0.3739,
0.2322


247.7870, 0.3410,
0.2833


 11.8460, 0.3829,
0.2187


 42.1443, 0.3614,
0.2514

 6.6389, 0.3948,
0.2009


 58.4174, 0.3569,
0.2584

 3.2373, 0.4115,
0.1768


 78.4180, 0.3531,
0.2642

 1.2568, 0.4362,
0.1424

 102.5304, 0.3499,
0.2692

 0.1074, 0.5058,
0.0336

 131.1392, 0.3472,
0.2735

 0.0000, 0.6716,
0.0000

164.6286, 0.3449,

 0.0000, 0.0000,

0.2772

0.0000

203.3831, 0.3428,
0.2804

■ 19.2430, 0.3739,
0.2322

■ 19.2430, 0.3739,
0.2322

■ 16.6915, 0.3886,
0.2216

■ 22.6268, 0.3603,
0.2460

■ 14.8936, 0.4039,
0.2151

■ 26.9065, 0.3480,
0.2617

■ 13.7606, 0.4192,
0.2136

■ 32.1427, 0.3371,
0.2785

■ 13.1364, 0.4335,
0.2162

■ 38.3899, 0.3278,
0.2955

■ 45.6986, 0.3198,
0.3122

■ 54.1157, 0.3130,
0.3282

■ 63.6854, 0.3074,
0.3433

■ 74.4495, 0.3026,
0.3573

■ 86.4477, 0.2987,
0.3703

Harmonies

Analogous

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



19.2430, 0.2650, 0.1909



19.2430, 0.3739, 0.2322



19.2430, 0.4777, 0.2921

Triad

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



19.2430, 0.3739, 0.2322



19.2430, 0.4239, 0.5055



19.2430, 0.1391, 0.2393

Complementary

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



19.2430, 0.3739, 0.2322



41.9072, 0.2821, 0.4574

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.



19.2430, 0.1662, 0.3392



19.2430, 0.3739, 0.2322



19.2430, 0.3281, 0.5325

Square

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



19.2430, 0.3739, 0.2322



19.2430, 0.4981, 0.4354



19.2430, 0.2333, 0.4655



19.2430, 0.1469, 0.1883

Rectangle

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



19.2430, 0.3739, 0.2322



19.2430, 0.5169, 0.3375



19.2430, 0.2333, 0.4655



19.2430, 0.1439, 0.2670

Sweetspot

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



19.2440, 0.3739, 0.2322



71.5038, 0.3259, 0.2993



12.9887, 0.2302, 0.1513



14.8618, 0.3284, 0.2943



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.



19.2440, 0.3739, 0.2322



28.5811, 0.3941, 0.2187



17.7689, 0.4683, 0.3048



10.1861, 0.3190, 0.3141



8.5567, 0.4315, 0.2151



0.3823, 0.4009, 0.1982

Inverse Universe

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



19.2440, 0.3739, 0.2322



28.5811, 0.3941, 0.2187



43.7061, 0.2495, 0.3594



10.1861, 0.3190, 0.3141



8.5567, 0.4315, 0.2151



0.3823, 0.4009, 0.1982

Previews

White Background



This preview shows how the Yxy color 19.2430, 0.3739, 0.2322 looks on a white 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

Black Background



This preview shows how the Yxy color 19.2430, 0.3739, 0.2322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

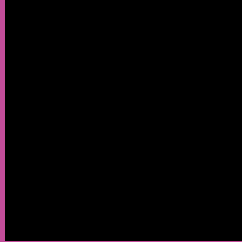
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2430, 0.3739, 0.2322

Background



This preview shows how black text looks on a background with the Yxy color 19.2430, 0.3739, 0.2322.



This preview shows how white text looks on a background with the Yxy color 19.2430, 0.3739, 0.2322.

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

19.2430, 0.3739, 0.2322

Protanopia

19.5748, 0.2308, 0.2191

Deuteranopia

19.3652, 0.2845, 0.2790



Tritanopia

19.2924, 0.4520, 0.3214

Trichromacy



Original Color

19.2430, 0.3739, 0.2322



Protanomaly

17.9432, 0.2697, 0.2174



Deuteranomaly

18.3985, 0.3136, 0.2546



Tritanomaly

19.1701, 0.4239, 0.2868

Monochromacy



Original Color

19.2430, 0.3739, 0.2322



Achromatopsia

19.1202, 0.3127, 0.3290



Achromatomaly

18.0925, 0.3352, 0.2821

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2430, 0.3739, 0.2322 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(195, 77, 154)` looks like.

```
.text, #text, p{  
    color:rgb(195, 77, 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(195, 77, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 77, 154) }
```

Border

The CSS property to change the border of an element to Yxy 19.2430, 0.3739, 0.2322 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(195, 77, 154) }
```

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

```
.border{ border-color:rgb(195, 77, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 77, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 77, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 77, 154);  
box-shadow:4px 4px 4px 4px rgb(195, 77,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2430, 0.3739, 0.2322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 77, 154) }
```

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

```
.background{ background-color: rgb(195, 77,  
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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