

Converting Colors

$Y_{xy}(19.3579, 0.4036, 0.2619)$

Have a look what the booklet for
Yxy(19.3579, 0.4036, 0.2619)
contains.

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Color

Yxy(19.3579, 0.4036, 0.2619)

Conversions

Conversions Part 1

Format	Color
Hex	C35286
RGB	195, 82, 134
RGB Percent	76%, 32%, 53%
CMY	0.2352, 0.6785, 0.4744
CMYK	0.00, 0.58, 0.31, 0.24
HSL	332°, 49%, 54%
HSV	332°, 58%, 76%
XYZ	29.8314, 19.3579, 24.7240
YIQ	121.7150, 50.6560, 40.1280

Conversions

Conversions Part 2

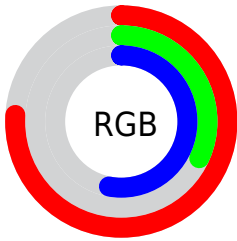
Format	Color
RYB	195, 82, 134
Decimal	12800646
CIELab	51.10, 50.56, -6.32
CIELCh	51, 50.949, 352.874
Yxy	19.3579, 0.4036, 0.2619
Android (android.graphics.Color)	4290990726 (0xFFC35286)
YUV	121.7150, 6.0565, 64.2709
Hunter-Lab	43.9976, 44.0314, -2.5191

Details

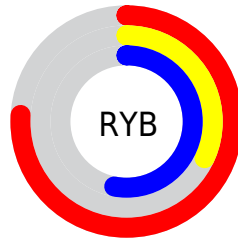
The Yxy color **19.3579, 0.4036, 0.2619** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **42.8168, 0.2700, 0.4135**, and the grayscale version is **19.3311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2670, 0.3833, 0.2763**, and **6.6966, 0.4411, 0.2381** is the 20% darker color. If you saturate the color by 10%, you get **16.5453, 0.4285, 0.2544**, and if you desaturate by 10%, it is **23.0373, 0.3813, 0.2721**.

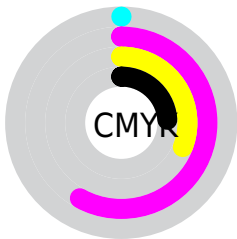
Distribution



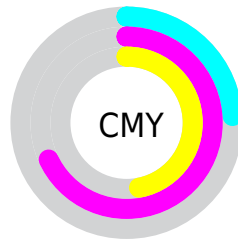
- Red (76%)
- Green (32%)
- Blue (53%)



- Red (76%)
- Yellow (32%)
- Blue (53%)



- Cyan (0%)
- Magenta (58%)
- Yellow (31%)
- Black (24%)





- Cyan (24%)
- Magenta (68%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3579, 0.4036, 0.2619 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 19.3579, 0.4036, 0.2619 by changing the saturation by 10% instead.


 19.3579, 0.4036,
0.2619


 19.3579, 0.4036,
0.2619


248.4175, 0.3525,
0.2988


 11.9292, 0.4186,
0.2514


 42.3380, 0.3835,
0.2762

 6.6955, 0.4393,
0.2372


 58.6582, 0.3764,
0.2813


 3.2724, 0.4699,
0.2169

 78.7109, 0.3706,
0.2855

 1.2755, 0.5188,
0.1856

 102.8807, 0.3658,
0.2890

 0.1221, 0.6768,
0.0566

 131.5518, 0.3617,
0.2920

 0.0000, 1.0000,
0.0000

165.1087, 0.3582,

 0.0000, 0.0000,

0.2946

0.0000

203.9358, 0.3552,
0.2969

■ 19.3579, 0.4036,
0.2619

■ 19.3579, 0.4036,
0.2619

■ 16.5453, 0.4285,
0.2544

■ 23.0373, 0.3813,
0.2721

■ 14.5229, 0.4551,
0.2508

■ 27.6457, 0.3620,
0.2837

■ 13.2052, 0.4822,
0.2522

■ 33.2431, 0.3456,
0.2960

■ 12.4627, 0.5083,
0.2587

■ 39.8833, 0.3318,
0.3083

■ 12.3395, 0.5136,
0.2603

■ 47.6166, 0.3204,
0.3201

■ 56.4896, 0.3109,
0.3312

■ 66.5463, 0.3032,
0.3416

■ 77.8286, 0.2968,
0.3512

■ 88.7681, 0.2914,
0.3573

Harmonies

Analogous

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



19.3579, 0.3053, 0.2165



19.3579, 0.4036, 0.2619



19.3579, 0.4795, 0.3213

Triad

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



19.3579, 0.4036, 0.2619



19.3579, 0.3848, 0.5008



19.3579, 0.1555, 0.2292

Complementary

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



19.3579, 0.4036, 0.2619



42.8168, 0.2700, 0.4135

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.



19.3579, 0.1689, 0.3023



19.3579, 0.4036, 0.2619



19.3579, 0.2967, 0.4915

Square

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



19.3579, 0.4036, 0.2619



19.3579, 0.4592, 0.4528



19.3579, 0.2176, 0.4075



19.3579, 0.1737, 0.1953

Rectangle

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



19.3579, 0.4036, 0.2619



19.3579, 0.4989, 0.3647



19.3579, 0.2176, 0.4075



19.3579, 0.1563, 0.2489

Sweetspot

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



19.3589, 0.4036, 0.2619



72.3160, 0.3309, 0.3091



15.7480, 0.2582, 0.1689



15.2622, 0.3335, 0.3066



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.



19.3589, 0.4036, 0.2619



28.3490, 0.4367, 0.2528



18.8300, 0.4853, 0.3342



10.1533, 0.3218, 0.3184



8.0345, 0.5103, 0.2585



0.3610, 0.4573, 0.2293

Inverse Universe

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



19.3589, 0.4036, 0.2619



28.3490, 0.4367, 0.2528



43.1075, 0.2400, 0.3231



10.1533, 0.3218, 0.3184



8.0345, 0.5103, 0.2585



0.3610, 0.4573, 0.2293

Previews

White Background



This preview shows how the Yxy color 19.3579, 0.4036, 0.2619 looks on a white background.

Color Contrast Check

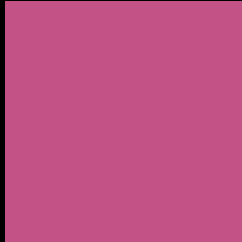
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3579, 0.4036, 0.2619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

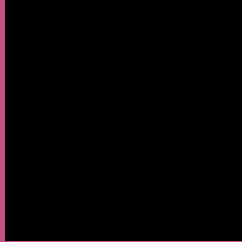
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3579, 0.4036, 0.2619

Background



This preview shows how black text looks on a background with the Yxy color 19.3579, 0.4036, 0.2619.



This preview shows how white text looks on a background with the Yxy color 19.3579, 0.4036, 0.2619.

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

19.3579, 0.4036, 0.2619

Protanopia

19.6576, 0.2630, 0.2603

Deuteranopia

19.5775, 0.3172, 0.3128



Tritanopia

19.3633, 0.4567, 0.3215

Trichromacy



Original Color

19.3579, 0.4036, 0.2619

Protanomaly

18.5005, 0.3047, 0.2563

Deuteranomaly

18.7898, 0.3471, 0.2897

Tritanomaly

19.2796, 0.4376, 0.2990

Monochromacy



Original Color

19.3579, 0.4036, 0.2619

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.4113, 0.3455, 0.2970

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3579, 0.4036, 0.2619 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, 82, 134)` looks like.

```
.text, #text, p{  
    color:rgb(195, 82, 134)  
}
```

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, 82, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 82, 134) }
```

Border

The CSS property to change the border of an element to Yxy 19.3579, 0.4036, 0.2619 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, 82, 134) }
```

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

```
.border{ border-color:rgb(195, 82, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 82, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 82, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 82, 134);  
box-shadow:4px 4px 4px 4px rgb(195, 82,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3579, 0.4036, 0.2619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 82, 134) }
```

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

```
.background{ background-color: rgb(195, 82,  
134) }
```

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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