

Converting Colors

$Yxy(19.0145, 0.3858, 0.2452)$

Have a look what the booklet for
Yxy(19.0145, 0.3858, 0.2452)
contains.

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Color

Yxy(18.9430, 0.3861, 0.2453)

Conversions

Conversions Part 1

Format	Color
Hex	C14F90
RGB	193, 79, 144
RGB Percent	76%, 31%, 56%
CMY	0.2432, 0.6901, 0.4353
CMYK	0.00, 0.59, 0.25, 0.24
HSL	326°, 48%, 53%
HSV	326°, 59%, 76%
XYZ	29.8161, 18.9430, 28.4647
YIQ	120.4960, 47.0790, 44.3830

Conversions

Conversions Part 2

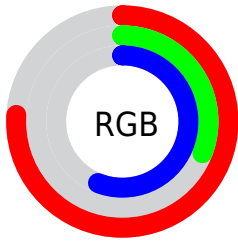
Format	Color
RYB	193, 79, 144
Decimal	12668816
CIELab	50.62, 52.58, -13.02
CIElCh	51, 54.166, 346.092
Yxy	18.9430, 0.3861, 0.2453
Android (android.graphics.Color)	4290858896 (0xFFC14F90)
YUV	120.4960, 11.5875, 63.5860
Hunter-Lab	43.5236, 46.1164, -8.3096

Details

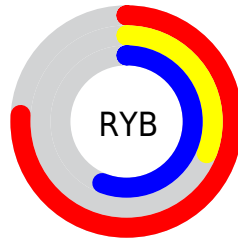
The Yxy color **18.9430, 0.3861, 0.2453** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **41.3504, 0.2769, 0.4372**, and the grayscale version is **18.9036, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.5477, 0.3702, 0.2619**, and **6.5081, 0.4121, 0.2162** is the 20% darker color. If you saturate the color by 10%, you get **16.3068, 0.4050, 0.2358**, and if you desaturate by 10%, it is **22.4077, 0.3689, 0.2577**.

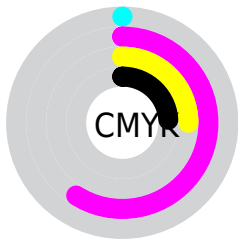
Distribution



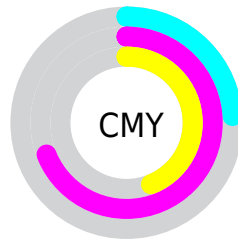
- Red (76%)
- Green (31%)
- Blue (56%)



- Red (76%)
- Yellow (31%)
- Blue (56%)



- Cyan (0%)
- Magenta (59%)
- Yellow (25%)
- Black (24%)



- Cyan (24%)
- Magenta (69%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.9430, 0.3861, 0.2453 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 18.9430, 0.3861, 0.2453 by changing the saturation by 10% instead.

 18.9430, 0.3861,
0.2453

 18.9430, 0.3861,
0.2453


246.1339, 0.3456,
0.2903


 11.6291, 0.3976,
0.2330


 41.6378, 0.3704,
0.2624

 6.4917, 0.4134,
0.2166


 57.7874, 0.3648,
0.2686

 3.1463, 0.4362,
0.1937

 77.6511, 0.3602,
0.2738

 1.2086, 0.4715,
0.1600

 101.6132, 0.3563,
0.2781

 0.0687, 0.5803,
0.0274

 130.0582, 0.3530,
0.2819

 0.0000, 1.0000,
0.0000

163.3703, 0.3502,

 0.0000, 0.0000,

0.2851

0.0000

201.9341, 0.3477,
0.2879

■ 18.9430, 0.3861,
0.2453

■ 18.9430, 0.3861,
0.2453

■ 16.3068, 0.4050,
0.2358

■ 22.4077, 0.3689,
0.2577

■ 14.4238, 0.4249,
0.2303

■ 26.7619, 0.3537,
0.2719

■ 13.2096, 0.4452,
0.2298

■ 32.0641, 0.3405,
0.2868

■ 12.5172, 0.4650,
0.2341

■ 38.3670, 0.3293,
0.3018

■ 12.4597, 0.4669,
0.2346

■ 45.7195, 0.3199,
0.3164

■ 54.1670, 0.3120,
0.3303

■ 63.7525, 0.3055,
0.3433

■ 74.5164, 0.3000,
0.3553

■ 86.4975, 0.2955,
0.3664

Harmonies

Analogous

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



18.9430, 0.2821, 0.2025



18.9430, 0.3861, 0.2453



18.9430, 0.4773, 0.3047

Triad

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



18.9430, 0.3861, 0.2453



18.9430, 0.4071, 0.5032



18.9430, 0.1471, 0.2357

Complementary

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



18.9430, 0.3861, 0.2453



41.3504, 0.2769, 0.4372

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.



18.9430, 0.1685, 0.3230



18.9430, 0.3861, 0.2453



18.9430, 0.3153, 0.5141

Square

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



18.9430, 0.3861, 0.2453



18.9430, 0.4805, 0.4426



18.9430, 0.2275, 0.4392



18.9430, 0.1590, 0.1923

Rectangle

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



18.9430, 0.3861, 0.2453



18.9430, 0.5078, 0.3491



18.9430, 0.2275, 0.4392



18.9430, 0.1503, 0.2597

Sweetspot

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



18.9440, 0.3861, 0.2453



69.6737, 0.3286, 0.3030



13.9204, 0.2424, 0.1599



14.1863, 0.3316, 0.2986



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.



18.9440, 0.3861, 0.2453



28.0425, 0.4110, 0.2336



17.6441, 0.4781, 0.3175



10.1719, 0.3202, 0.3160



8.3061, 0.4645, 0.2333



0.3725, 0.4242, 0.2110

Inverse Universe

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



18.9440, 0.3861, 0.2453



28.0425, 0.4110, 0.2336



43.2302, 0.2453, 0.3434



10.1719, 0.3202, 0.3160



8.3061, 0.4645, 0.2333



0.3725, 0.4242, 0.2110

Previews

White Background



This preview shows how the Yxy color 18.9430, 0.3861, 0.2453 looks on a white background.

Color Contrast Check

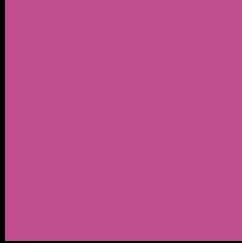
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9430, 0.3861, 0.2453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

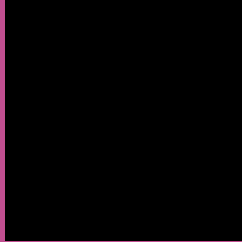
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.9430, 0.3861, 0.2453

Background



This preview shows how black text looks on a background with the Yxy color 18.9430, 0.3861, 0.2453.



This preview shows how white text looks on a background with the Yxy color 18.9430, 0.3861, 0.2453.

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

18.9430, 0.3861, 0.2453

Protanopia

19.1538, 0.2445, 0.2359

Deuteranopia

19.1518, 0.2986, 0.2929



Tritanopia

18.9757, 0.4531, 0.3214

Trichromacy



Original Color

18.9430, 0.3861, 0.2453

Protanomaly

17.7435, 0.2852, 0.2340

Deuteranomaly

18.2781, 0.3288, 0.2700

Tritanomaly

18.7950, 0.4294, 0.2930

Monochromacy



Original Color

18.9430, 0.3861, 0.2453

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.0961, 0.3390, 0.2900

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9430, 0.3861, 0.2453 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, 79, 144)` looks like.

```
.text, #text, p{  
    color:rgb(193, 79, 144)  
}
```

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, 79, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 79, 144) }
```

Border

The CSS property to change the border of an element to Yxy 18.9430, 0.3861, 0.2453 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, 79, 144) }
```

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

```
.border{ border-color:rgb(193, 79, 144) }
```

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

Here you see how a box with a 4 pixel rgb(193, 79, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 79, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 79, 144);  
box-shadow:4px 4px 4px 4px rgb(193, 79,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9430, 0.3861, 0.2453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 79, 144) }
```

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

```
.background{ background-color: rgb(193, 79,  
144) }
```

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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