

Converting Colors

$Y_{xy}(18.4591, 0.3807, 0.2381)$

Have a look what the booklet for
Yxy(18.4591, 0.3807, 0.2381)
contains.

Yxy(18.4819, 0.3809, 0.2379)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.4819, 0.3809, 0.2379)

Conversions

Conversions Part 1

Format	Color
Hex	C04C93
RGB	192, 76, 147
RGB Percent	75%, 30%, 58%
CMY	0.2470, 0.7020, 0.4235
CMYK	0.00, 0.60, 0.23, 0.25
HSL	323°, 48%, 53%
HSV	323°, 60%, 75%
XYZ	29.5912, 18.4819, 29.6145
YIQ	118.7780, 46.3450, 46.6730

Conversions

Conversions Part 2

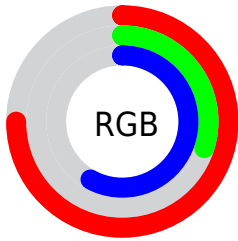
Format	Color
R_{YB}	192, 76, 147
Decimal	12602515
CIE _{Lab}	50.08, 54.07, -15.66
CIE _{LCh}	50, 56.293, 343.849
Yxy	18.4819, 0.3809, 0.2379
Android (android.graphics.Color)	4290792595 (0xFFC04C93)
YUV	118.7780, 13.9134, 64.2157
Hunter-Lab	42.9906, 47.6314, -10.7492

Details

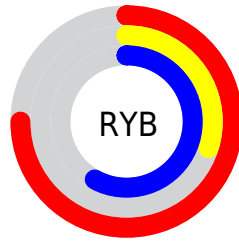
The Yxy color **18.4819, 0.3809, 0.2379** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **40.6201, 0.2794, 0.4488**, and the grayscale version is **18.3184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.9589, 0.3664, 0.2568**, and **6.2584, 0.4062, 0.2078** is the 20% darker color. If you saturate the color by 10%, you get **15.9942, 0.3977, 0.2280**, and if you desaturate by 10%, it is **21.7759, 0.3655, 0.2509**.

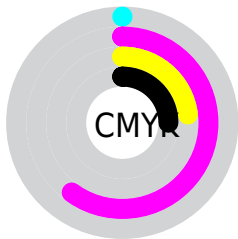
Distribution



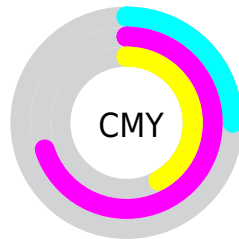
- Red (75%)
- Green (30%)
- Blue (58%)



- Red (75%)
- Yellow (30%)
- Blue (58%)



- Cyan (0%)
- Magenta (60%)
- Yellow (23%)
- Black (25%)





- Cyan (25%)
- Magenta (70%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.4819, 0.3809, 0.2379 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 18.4819, 0.3809, 0.2379 by changing the saturation by 10% instead.


 18.4819, 0.3809,
0.2379


 18.4819, 0.3809,
0.2379


243.5734, 0.3436,
0.2866


 11.2965, 0.3914,
0.2247


 40.8568, 0.3665,
0.2564


 6.2666, 0.4056,
0.2072


 56.8151, 0.3613,
0.2631


 3.0079, 0.4260,
0.1831

 76.4664, 0.3571,
0.2687

 1.1359, 0.4570,
0.1480

 100.1953, 0.3535,
0.2734

 0.0084, 0.5606,
0.0033

 128.3860, 0.3505,
0.2774

 0.0000, 1.0000,
0.0000

161.4230, 0.3478,

 0.0000, 0.0000,

0.2809

0.0000

199.6907, 0.3456,
0.2839

■ 18.4819, 0.3809,
0.2379

■ 18.4819, 0.3809,
0.2379

■ 15.9942, 0.3977,
0.2280

■ 21.7759, 0.3655,
0.2509

■ 14.2371, 0.4152,
0.2223

■ 25.9375, 0.3516,
0.2658

■ 13.1252, 0.4329,
0.2216

■ 31.0249, 0.3396,
0.2816

■ 12.5045, 0.4495,
0.2250

■ 37.0909, 0.3292,
0.2977

■ 44.1840, 0.3204,
0.3134

■ 52.3495, 0.3130,
0.3284

■ 61.6300, 0.3068,
0.3425

■ 72.0658, 0.3017,
0.3556

■ 83.6952, 0.2974,
0.3677

Harmonies

Analogous

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



18.4819, 0.2731, 0.1956



18.4819, 0.3809, 0.2379



18.4819, 0.4796, 0.2980

Triad

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



18.4819, 0.3809, 0.2379



18.4819, 0.4161, 0.5063



18.4819, 0.1416, 0.2363

Complementary

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



18.4819, 0.3809, 0.2379



40.6201, 0.2794, 0.4488

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.



18.4819, 0.1658, 0.3307



18.4819, 0.3809, 0.2379



18.4819, 0.3214, 0.5259

Square

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



18.4819, 0.3809, 0.2379



18.4819, 0.4908, 0.4398



18.4819, 0.2293, 0.4537



18.4819, 0.1515, 0.1889

Rectangle

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



18.4819, 0.3809, 0.2379



18.4819, 0.5146, 0.3432



18.4819, 0.2293, 0.4537



18.4819, 0.1456, 0.2623

Sweetspot

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



18.4828, 0.3809, 0.2379



69.7808, 0.3272, 0.3011



13.0011, 0.2363, 0.1543



14.2125, 0.3300, 0.2964



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.



18.4828, 0.3809, 0.2379



27.6365, 0.4042, 0.2253



17.1062, 0.4776, 0.3125



10.1792, 0.3196, 0.3150



8.4289, 0.4474, 0.2239



0.3774, 0.4121, 0.2044

Inverse Universe

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



18.4828, 0.3809, 0.2379



27.6365, 0.4042, 0.2253



42.4731, 0.2465, 0.3499



10.1792, 0.3196, 0.3150



8.4289, 0.4474, 0.2239



0.3774, 0.4121, 0.2044

Previews

White Background



This preview shows how the Yxy color 18.4819, 0.3809, 0.2379 looks on a white background.

Color Contrast Check

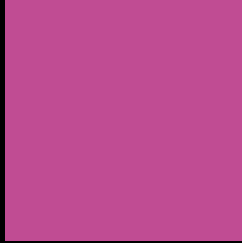
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4819, 0.3809, 0.2379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

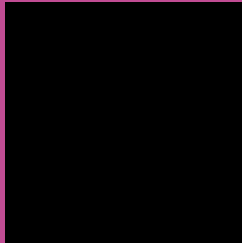
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4819, 0.3809, 0.2379

Background



This preview shows how black text looks on a background with the Yxy color 18.4819, 0.3809, 0.2379.



This preview shows how white text looks on a background with the Yxy color 18.4819, 0.3809, 0.2379.

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

18.4819, 0.3809, 0.2379

Protanopia

18.8239, 0.2363, 0.2262

Deuteranopia

18.7106, 0.2906, 0.2853



Tritanopia

18.3705, 0.4537, 0.3199

Trichromacy



Original Color

18.4819, 0.3809, 0.2379

Protanomaly

17.4771, 0.2764, 0.2247

Deuteranomaly

17.6890, 0.3212, 0.2613

Tritanomaly

18.3744, 0.4276, 0.2889

Monochromacy



Original Color

18.4819, 0.3809, 0.2379

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.3965, 0.3382, 0.2847

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4819, 0.3809, 0.2379 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(192, 76, 147)` looks like.

```
.text, #text, p{  
  color:rgb(192, 76, 147)  
}
```

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(192, 76, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 76, 147) }
```

Border

The CSS property to change the border of an element to Yxy 18.4819, 0.3809, 0.2379 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(192, 76, 147) }
```

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

```
.border{ border-color:rgb(192, 76, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 76, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 76, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 76, 147);  
box-shadow:4px 4px 4px 4px rgb(192, 76,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4819, 0.3809, 0.2379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 76, 147) }
```

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

```
.background{ background-color: rgb(192, 76,  
147) }
```

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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