

Converting Colors

$Y_{xy}(18.2393, 0.3792, 0.2380)$

Have a look what the booklet for
Yxy(18.2393, 0.3792, 0.2380)
contains.

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Color

Yxy(18.1914, 0.3798, 0.2382)

Conversions

Conversions Part 1

Format	Color
Hex	BE4C92
RGB	190, 76, 146
RGB Percent	75%, 30%, 57%
CMY	0.2549, 0.7019, 0.4275
CMYK	0.00, 0.60, 0.23, 0.25
HSL	323°, 47%, 52%
HSV	323°, 60%, 75%
XYZ	29.0054, 18.1914, 29.1734
YIQ	118.0660, 45.4740, 45.9380

Conversions

Conversions Part 2

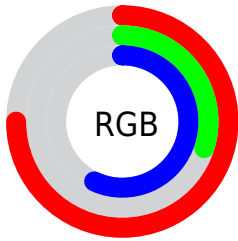
Format	Color
R _{YB}	190, 76, 146
Decimal	12471442
CIE _{Lab}	49.73, 53.32, -15.61
CIE _{LCh}	50, 55.559, 343.680
Yxy	18.1914, 0.3798, 0.2382
Android (android.graphics.Color)	4290661522 (0xFFBE4C92)
YUV	118.0660, 13.7715, 63.0861
Hunter-Lab	42.6514, 46.7505, -10.6983

Details

The Yxy color **18.1914, 0.3798, 0.2382** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **39.7160, 0.2796, 0.4481**, and the grayscale version is **18.0858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2751, 0.3658, 0.2563**, and **6.1006, 0.4047, 0.2078** is the 20% darker color. If you saturate the color by 10%, you get **15.7281, 0.3964, 0.2281**, and if you desaturate by 10%, it is **21.4441, 0.3645, 0.2513**.

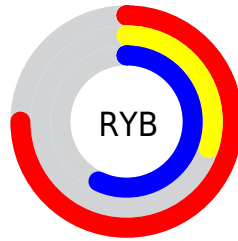
Distribution



Red (75%)

Green (30%)

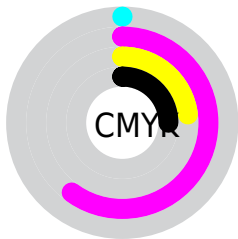
Blue (57%)



Red (75%)

Yellow (30%)

Blue (57%)

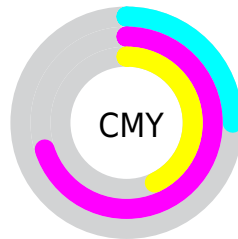


Cyan (0%)

Magenta (60%)

Yellow (23%)

Black (25%)



Cyan (25%)


Magenta (70%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.1914, 0.3798, 0.2382 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 18.1914, 0.3798, 0.2382 by changing the saturation by 10% instead.


 18.1914, 0.3798,
0.2382


 18.1914, 0.3798,
0.2382


241.9477, 0.3430,
0.2869


 11.0875, 0.3902,
0.2250


 40.3632, 0.3656,
0.2567


 6.1257, 0.4043,
0.2074


 56.1999, 0.3605,
0.2634

 2.9217, 0.4245,
0.1830

 75.7163, 0.3563,
0.2690

 1.0910, 0.4554,
0.1476

 99.2968, 0.3528,
0.2737

 0.0000, 0.5599,
0.0000

 127.3257, 0.3498,
0.2777

 0.0000, 1.0000,
0.0000

160.1876, 0.3472,

 0.0000, 0.0000,

0.2812

0.0000

198.2668, 0.3449,
0.2842

■ 18.1914, 0.3798,
0.2382

■ 18.1914, 0.3798,
0.2382

■ 15.7281, 0.3964,
0.2281

■ 21.4441, 0.3645,
0.2513

■ 13.9808, 0.4138,
0.2221

■ 25.5454, 0.3509,
0.2663

■ 12.8672, 0.4314,
0.2211

■ 30.5520, 0.3389,
0.2822

■ 12.2225, 0.4486,
0.2245

■ 36.5150, 0.3287,
0.2983

■ 12.2218, 0.4486,
0.2245

■ 43.4815, 0.3200,
0.3140

■ 51.4956, 0.3127,
0.3290

■ 60.5986, 0.3066,
0.3431

■ 70.8298, 0.3015,
0.3562

■ 82.2263, 0.2973,
0.3683

Harmonies

Analogous

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



18.1914, 0.2729, 0.1962



18.1914, 0.3798, 0.2382



18.1914, 0.4779, 0.2980

Triad

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



18.1914, 0.3798, 0.2382



18.1914, 0.4162, 0.5049



18.1914, 0.1426, 0.2374

Complementary

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



18.1914, 0.3798, 0.2382



39.7160, 0.2796, 0.4481

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.



18.1914, 0.1671, 0.3314



18.1914, 0.3798, 0.2382



18.1914, 0.3221, 0.5244

Square

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



18.1914, 0.3798, 0.2382



18.1914, 0.4901, 0.4390



18.1914, 0.2305, 0.4532



18.1914, 0.1523, 0.1900

Rectangle

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



18.1914, 0.3798, 0.2382



18.1914, 0.5130, 0.3429



18.1914, 0.2305, 0.4532



18.1914, 0.1467, 0.2634

Sweetspot

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



18.1923, 0.3798, 0.2382



68.1904, 0.3271, 0.3010



12.8609, 0.2371, 0.1557



14.2137, 0.3299, 0.2963



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.



18.1923, 0.3798, 0.2382



27.3644, 0.4019, 0.2257



16.8438, 0.4756, 0.3125



9.6321, 0.3195, 0.3150



8.1436, 0.4465, 0.2233



0.3314, 0.4089, 0.2026

Inverse Universe

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



18.1923, 0.3798, 0.2382



27.3644, 0.4019, 0.2257



41.5216, 0.2468, 0.3497



9.6321, 0.3195, 0.3150



8.1436, 0.4465, 0.2233



0.3314, 0.4089, 0.2026

Previews

White Background



This preview shows how the Yxy color 18.1914, 0.3798, 0.2382 looks on a white background.

Color Contrast Check

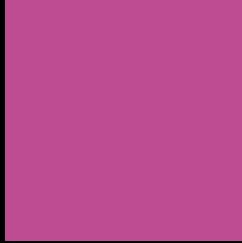
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1914, 0.3798, 0.2382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

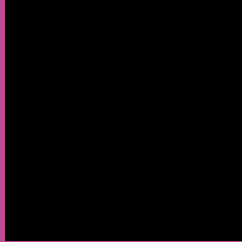
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1914, 0.3798, 0.2382

Background



This preview shows how black text looks on a background with the Yxy color 18.1914, 0.3798, 0.2382.



This preview shows how white text looks on a background with the Yxy color 18.1914, 0.3798, 0.2382.

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

18.1914, 0.3798, 0.2382

Protanopia

18.5098, 0.2374, 0.2272

Deuteranopia

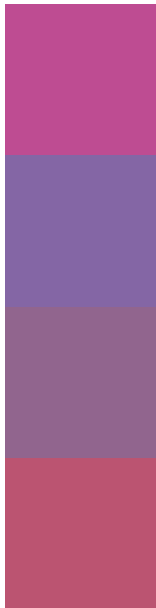
18.3773, 0.2904, 0.2850



Tritanopia

18.1019, 0.4528, 0.3212

Trichromacy



Original Color

18.1914, 0.3798, 0.2382

Protanomaly

17.1249, 0.2772, 0.2254

Deuteranomaly

17.2801, 0.3199, 0.2606

Tritanomaly

18.0977, 0.4266, 0.2898

Monochromacy



Original Color

18.1914, 0.3798, 0.2382

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.1883, 0.3369, 0.2860

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1914, 0.3798, 0.2382 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(190, 76, 146)` looks like.

```
.text, #text, p{  
    color:rgb(190, 76, 146)  
}
```

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(190, 76, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 76, 146) }
```

Border

The CSS property to change the border of an element to Yxy 18.1914, 0.3798, 0.2382 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(190, 76, 146) }
```

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

```
.border{ border-color:rgb(190, 76, 146) }
```

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

Here you see how a box with a 4 pixel rgb(190, 76, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 76, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 76, 146);  
box-shadow:4px 4px 4px 4px rgb(190, 76,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1914, 0.3798, 0.2382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 76, 146) }
```

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

```
.background{ background-color: rgb(190, 76,  
146) }
```

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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