

Converting Colors

$Y_{xy}(15.9002, 0.4360, 0.2466)$

Have a look what the booklet for
Yxy(15.9002, 0.4360, 0.2466)
contains.

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Color

Yxy(15.8918, 0.4368, 0.2471)

Conversions

Conversions Part 1

Format	Color
Hex	C6347B
RGB	198, 52, 123
RGB Percent	78%, 20%, 48%
CMY	0.2235, 0.7960, 0.5176
CMYK	0.00, 0.74, 0.38, 0.22
HSL	331°, 58%, 49%
HSV	331°, 74%, 78%
XYZ	28.0920, 15.8918, 20.3294
YIQ	103.7480, 64.2250, 53.0330

Conversions

Conversions Part 2

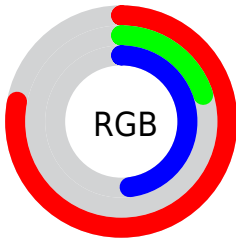
Format	Color
R_{YB}	198, 52, 123
Decimal	12989563
CIE _{Lab}	46.83, 62.23, -5.98
CIE _{LCh}	47, 62.515, 354.512
Yxy	15.8918, 0.4368, 0.2471
Android (android.graphics.Color)	4291179643 (0xFFC6347B)
YUV	103.7480, 9.4912, 82.6590
Hunter-Lab	39.8645, 56.0238, -2.3305

Details

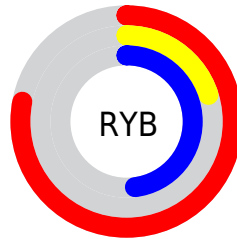
The Yxy color **15.8918, 0.4368, 0.2471** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **42.6498, 0.2676, 0.4487**, and the grayscale version is **13.7354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.7240, 0.4050, 0.2647**, and **5.9834, 0.4777, 0.2405** is the 20% darker color. If you saturate the color by 10%, you get **14.2385, 0.4623, 0.2458**, and if you desaturate by 10%, it is **18.3141, 0.4123, 0.2531**.

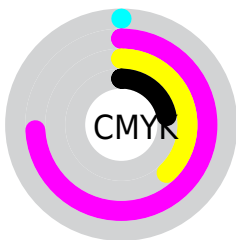
Distribution



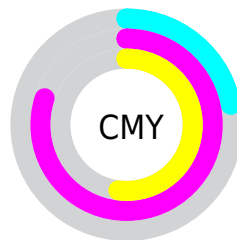
- Red (78%)
- Green (20%)
- Blue (48%)



- Red (78%)
- Yellow (20%)
- Blue (48%)



- Cyan (0%)
- Magenta (74%)
- Yellow (38%)
- Black (22%)




- Cyan (22%)
- Magenta (80%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.8918, 0.4368, 0.2471 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 15.8918, 0.4368, 0.2471 by changing the saturation by 10% instead.


 15.8918, 0.4368,
0.2471


 15.8918, 0.4368,
0.2471


228.7024, 0.3653,
0.2932


 9.4476, 0.4584,
0.2337


 36.4103, 0.4082,
0.2652


 5.0343, 0.4889,
0.2152


 51.2533, 0.3983,
0.2716

 2.2674, 0.5344,
0.1884

 69.6648, 0.3902,
0.2768

 0.7564, 0.6088,
0.1461

 92.0291, 0.3835,
0.2812

 0.0000, 0.9716,
0.0000

 118.7307, 0.3779,
0.2849

 0.0000, 1.0000,
0.0000

150.1538, 0.3731,

 0.0000, 0.0000,

0.2880

0.0000

186.6829, 0.3690,
0.2908

■ 15.8918, 0.4368,
0.2471

■ 15.8918, 0.4368,
0.2471

■ 14.2385, 0.4623,
0.2458

■ 18.3141, 0.4123,
0.2531

■ 13.2512, 0.4874,
0.2498

■ 21.5861, 0.3898,
0.2624

■ 12.8555, 0.5027,
0.2543

■ 25.7810, 0.3699,
0.2740

■ 30.9634, 0.3528,
0.2867

■ 37.1920, 0.3383,
0.2997

■ 44.5209, 0.3261,
0.3124

■ 53.0005, 0.3160,
0.3246

■ 62.6778, 0.3077,
0.3361

■ 73.5975, 0.3008,
0.3467

Harmonies

Analogous

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



15.8918, 0.3074, 0.1929



15.8918, 0.4368, 0.2471



15.8918, 0.5324, 0.3162

Triad

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



15.8918, 0.4368, 0.2471



15.8918, 0.3862, 0.5496



15.8918, 0.1216, 0.1970

Complementary

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



15.8918, 0.4368, 0.2471



42.6498, 0.2676, 0.4487

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.



15.8918, 0.1323, 0.2824



15.8918, 0.4368, 0.2471



15.8918, 0.2783, 0.5467

Square

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



15.8918, 0.4368, 0.2471



15.8918, 0.4835, 0.4765



15.8918, 0.1846, 0.4251



15.8918, 0.1448, 0.1629

Rectangle

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



15.8918, 0.4368, 0.2471



15.8918, 0.5497, 0.3661



15.8918, 0.1846, 0.4251



15.8918, 0.1212, 0.2188

Sweetspot

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



15.8927, 0.4368, 0.2471



67.5620, 0.3364, 0.3015



10.8942, 0.2332, 0.1278



13.7544, 0.3401, 0.2979



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.



15.8927, 0.4368, 0.2471



24.1049, 0.4765, 0.2473



14.7103, 0.5635, 0.3297



10.7215, 0.3215, 0.3178



8.3776, 0.4997, 0.2526



0.4113, 0.4527, 0.2268

Inverse Universe

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



15.8927, 0.4368, 0.2471



24.1049, 0.4765, 0.2473



45.1947, 0.2313, 0.3288



10.7215, 0.3215, 0.3178



8.3776, 0.4997, 0.2526



0.4113, 0.4527, 0.2268

Previews

White Background



This preview shows how the Yxy color 15.8918, 0.4368, 0.2471 looks on a white background.

Color Contrast Check

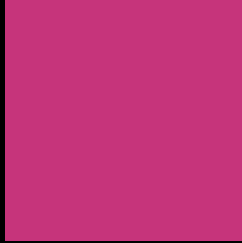
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8918, 0.4368, 0.2471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

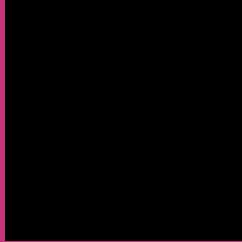
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.8918, 0.4368, 0.2471

Background



This preview shows how black text looks on a background with the Yxy color 15.8918, 0.4368, 0.2471.



This preview shows how white text looks on a background with the Yxy color 15.8918, 0.4368, 0.2471.

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

15.8918, 0.4368, 0.2471

Protanopia

16.1580, 0.2430, 0.2347

Deuteranopia

16.0510, 0.3203, 0.3134



Tritanopia

15.8080, 0.5204, 0.3251

Trichromacy



Original Color

15.8918, 0.4368, 0.2471

Protanomaly

14.1569, 0.2966, 0.2288

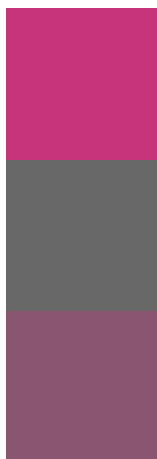
Deuteranomaly

14.7009, 0.3612, 0.2764

Tritanomaly

15.6609, 0.4925, 0.2969

Monochromacy



Original Color

15.8918, 0.4368, 0.2471

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.0480, 0.3583, 0.2816

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.8918, 0.4368, 0.2471 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(198, 52, 123)` looks like.

```
.text, #text, p{  
    color:rgb(198, 52, 123)  
}
```

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(198, 52, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 52, 123) }
```

Border

The CSS property to change the border of an element to Yxy 15.8918, 0.4368, 0.2471 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(198, 52, 123) }
```

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

```
.border{ border-color:rgb(198, 52, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 52, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 52, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 52, 123);  
box-shadow:4px 4px 4px 4px rgb(198, 52,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 15.8918, 0.4368, 0.2471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 52, 123) }
```

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

```
.background{ background-color: rgb(198, 52,  
123) }
```

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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