

Converting Colors

$Y_{xy}(18.9460, 0.4082, 0.2354)$

Have a look what the booklet for
Yxy(18.9460, 0.4082, 0.2354)
contains.

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Color

Yxy(19.0092, 0.4080, 0.2357)

Conversions

Conversions Part 1

Format	Color
Hex	D03F91
RGB	208, 63, 145
RGB Percent	82%, 25%, 57%
CMY	0.1843, 0.7530, 0.4312
CMYK	0.00, 0.70, 0.30, 0.18
HSL	326°, 61%, 53%
HSV	326°, 70%, 82%
XYZ	32.9052, 19.0092, 28.7356
YIQ	115.7030, 60.0980, 56.2420

Conversions

Conversions Part 2

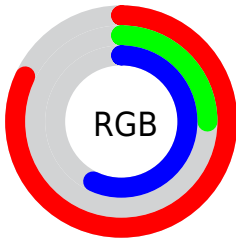
Format	Color
R_{YB}	208, 63, 145
Decimal	13647761
CIE _{Lab}	50.70, 63.59, -13.29
CIE _{LCh}	51, 64.968, 348.195
Yxy	19.0092, 0.4080, 0.2357
Android (android.graphics.Color)	4291837841 (0xFFD03F91)
YUV	115.7030, 14.4434, 80.9445
Hunter-Lab	43.5995, 58.4173, -8.5572

Details

The Yxy color **19.0092, 0.4080, 0.2357** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **47.6794, 0.2742, 0.4607**, and the grayscale version is **17.3096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0583, 0.3744, 0.2505**, and **7.2158, 0.4364, 0.2178** is the 20% darker color. If you saturate the color by 10%, you get **16.8581, 0.4284, 0.2308**, and if you desaturate by 10%, it is **22.0543, 0.3887, 0.2448**.

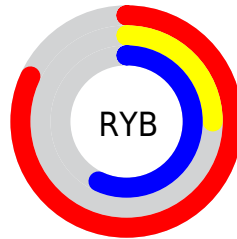
Distribution



Red (82%)

Green (25%)

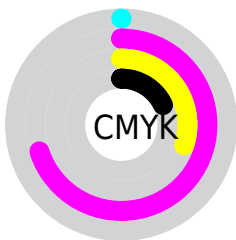
Blue (57%)



Red (82%)

Yellow (25%)

Blue (57%)

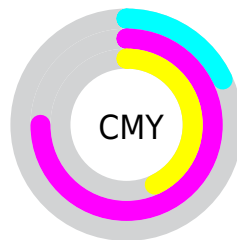


Cyan (0%)

Magenta (70%)

Yellow (30%)

Black (18%)



Cyan (18%)

Magenta (75%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0092, 0.4080, 0.2357 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 19.0092, 0.4080, 0.2357 by changing the saturation by 10% instead.


 19.0092, 0.4080,
0.2357


 19.0092, 0.4080,
0.2357


246.4995, 0.3555,
0.2855


 11.6769, 0.4229,
0.2223


 41.7496, 0.3876,
0.2545


 6.5241, 0.4431,
0.2046


 57.9266, 0.3804,
0.2614

 3.1663, 0.4721,
0.1802

 77.8206, 0.3744,
0.2671

 1.2192, 0.5165,
0.1452

 101.8160, 0.3694,
0.2719

 0.0773, 0.6345,
0.0259

 130.2972, 0.3651,
0.2760

 0.0000, 1.0000,
0.0000

163.6486, 0.3614,

 0.0000, 0.0000,

0.2796

0.0000

202.2546, 0.3583,
0.2827

■ 19.0092, 0.4080,
0.2357

■ 19.0092, 0.4080,
0.2357

■ 16.8581, 0.4284,
0.2308

■ 22.0543, 0.3887,
0.2448

■ 15.4935, 0.4490,
0.2310

■ 26.0786, 0.3710,
0.2570


■ 14.7307, 0.4691,
0.2359


■ 31.1608, 0.3554,
0.2710


■ 14.7121, 0.4697,
0.2361


■ 37.3706, 0.3418,
0.2859

■ 44.7718, 0.3303,
0.3009

 53.4232, 0.3206,
0.3155

 63.3799, 0.3125,
0.3294

 74.6936, 0.3058,
0.3424

 87.4132, 0.3002,
0.3545

Harmonies

Analogous

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



19.0092, 0.2831, 0.1867



19.0092, 0.4080, 0.2357



19.0092, 0.5144, 0.3020

Triad

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



19.0092, 0.4080, 0.2357



19.0092, 0.4078, 0.5344



19.0092, 0.1237, 0.2124

Complementary

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



19.0092, 0.4080, 0.2357



47.6794, 0.2742, 0.4607

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.



19.0092, 0.1424, 0.3093



19.0092, 0.4080, 0.2357



19.0092, 0.3019, 0.5524

Square

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



19.0092, 0.4080, 0.2357



19.0092, 0.4980, 0.4575



19.0092, 0.2039, 0.4541



19.0092, 0.1397, 0.1694

Rectangle

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



19.0092, 0.4080, 0.2357



19.0092, 0.5442, 0.3506



19.0092, 0.2039, 0.4541



19.0092, 0.1258, 0.2379

Sweetspot

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



19.0102, 0.4080, 0.2357



69.0551, 0.3319, 0.2986



12.5305, 0.2283, 0.1316



14.0551, 0.3350, 0.2944



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.



19.0102, 0.4080, 0.2357



25.4400, 0.4393, 0.2302



17.4413, 0.5317, 0.3200



11.9187, 0.3203, 0.3159



9.1879, 0.4670, 0.2346



0.5295, 0.4330, 0.2159

Inverse Universe

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



19.0102, 0.4080, 0.2357



25.4400, 0.4393, 0.2302



50.2670, 0.2376, 0.3429



11.9187, 0.3203, 0.3159



9.1879, 0.4670, 0.2346



0.5295, 0.4330, 0.2159

Previews

White Background



This preview shows how the Yxy color 19.0092, 0.4080, 0.2357 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 19.0092, 0.4080, 0.2357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

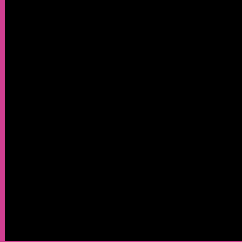
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0092, 0.4080, 0.2357

Background



This preview shows how black text looks on a background with the Yxy color 19.0092, 0.4080, 0.2357.



This preview shows how white text looks on a background with the Yxy color 19.0092, 0.4080, 0.2357.

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

19.0092, 0.4080, 0.2357

Protanopia

19.2931, 0.2311, 0.2187

Deuteranopia

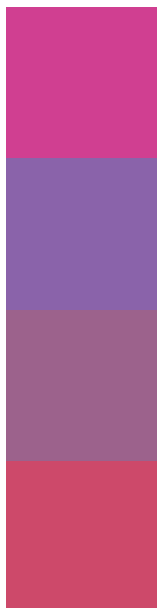
19.1986, 0.3009, 0.2947



Tritanopia

18.9286, 0.4965, 0.3238

Trichromacy



Original Color

19.0092, 0.4080, 0.2357

Protanomaly

17.2292, 0.2788, 0.2164

Deuteranomaly

17.6967, 0.3378, 0.2620

Tritanomaly

18.7848, 0.4668, 0.2907

Monochromacy



Original Color

19.0092, 0.4080, 0.2357

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.4713, 0.3466, 0.2785

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0092, 0.4080, 0.2357 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(208, 63, 145)` looks like.

```
.text, #text, p{  
    color:rgb(208, 63, 145)  
}
```

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(208, 63, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 63, 145) }
```

Border

The CSS property to change the border of an element to Yxy 19.0092, 0.4080, 0.2357 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(208, 63, 145) }
```

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

```
.border{ border-color:rgb(208, 63, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 63, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 63, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 63, 145);  
box-shadow:4px 4px 4px 4px rgb(208, 63,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0092, 0.4080, 0.2357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 63, 145) }
```

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

```
.background{ background-color: rgb(208, 63,  
145) }
```

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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