

Converting Colors

$Y_{xy}(15.2930, 0.4100, 0.2309)$

Have a look what the booklet for
Yxy(15.2930, 0.4100, 0.2309)
contains.

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Color

Yxy(15.2676, 0.4106, 0.2309)

Conversions

Conversions Part 1

Format	Color
Hex	C03385
RGB	192, 51, 133
RGB Percent	75%, 20%, 52%
CMY	0.2472, 0.7998, 0.4784
CMYK	0.00, 0.73, 0.31, 0.25
HSL	325°, 58%, 48%
HSV	325°, 73%, 75%
XYZ	27.1497, 15.2676, 23.7048
YIQ	102.5070, 57.7140, 55.3940

Conversions

Conversions Part 2

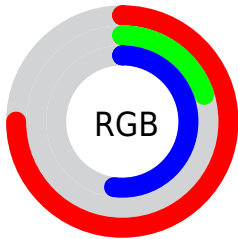
Format	Color
R_{YB}	192, 51, 133
Decimal	12596101
CIE Lab	46.00, 62.06, -13.42
CIE LCh	46, 63.490, 347.796
Yxy	15.2676, 0.4106, 0.2309
Android (android.graphics.Color)	4290786181 (0xFFC03385)
YUV	102.5070, 15.0330, 78.4854
Hunter-Lab	39.0738, 55.6486, -8.6177

Details

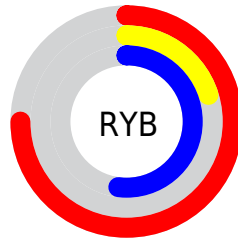
The Yxy color **15.2676, 0.4106, 0.2309** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **39.5177, 0.2751, 0.4720**, and the grayscale version is **13.3814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3925, 0.3888, 0.2521**, and **5.6929, 0.4421, 0.2209** is the 20% darker color. If you saturate the color by 10%, you get **13.7077, 0.4301, 0.2273**, and if you desaturate by 10%, it is **17.5385, 0.3918, 0.2391**.

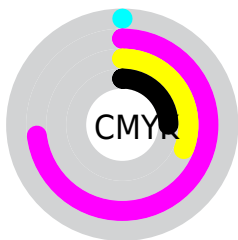
Distribution



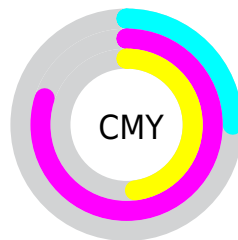
- Red (75%)
- Green (20%)
- Blue (52%)



- Red (75%)
- Yellow (20%)
- Blue (52%)



- Cyan (0%)
- Magenta (73%)
- Yellow (31%)
- Black (25%)




- Cyan (25%)
- Magenta (80%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.2676, 0.4106, 0.2309 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 15.2676, 0.4106, 0.2309 by changing the saturation by 10% instead.


 15.2676, 0.4106,
0.2309


 15.2676, 0.4106,
0.2309


224.9803, 0.3551,
0.2848


 9.0074, 0.4270,
0.2158


 35.3219, 0.3886,
0.2517


 4.7460, 0.4499,
0.1955


 49.8849, 0.3809,
0.2591

 2.0990, 0.4837,
0.1670

 67.9842, 0.3746,
0.2652

 0.6641, 0.5394,
0.1220

 90.0043, 0.3694,
0.2704

 0.0000, 0.7106,
0.0000

 116.3296, 0.3650,
0.2748

 0.0000, 1.0000,
0.0000

147.3444, 0.3612,

 0.0000, 0.0000,

0.2786

0.0000

183.4331, 0.3579,
0.2819

■ 15.2676, 0.4106,
0.2309

■ 15.2676, 0.4106,
0.2309

■ 13.7077, 0.4301,
0.2273

■ 17.5385, 0.3918,
0.2391

■ 12.7645, 0.4495,
0.2288

■ 20.5944, 0.3744,
0.2506

■ 12.3641, 0.4621,
0.2319

■ 24.5023, 0.3588,
0.2644

■ 29.3216, 0.3452,
0.2793

■ 35.1062, 0.3335,
0.2947

■ 41.9059, 0.3236,
0.3098

■ 49.7670, 0.3152,
0.3243

■ 58.7327, 0.3083,
0.3379

■ 68.8442, 0.3025,
0.3506

Harmonies

Analogous

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



15.2676, 0.2797, 0.1809



15.2676, 0.4106, 0.2309



15.2676, 0.5232, 0.2986

Triad

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



15.2676, 0.4106, 0.2309



15.2676, 0.4104, 0.5413



15.2676, 0.1172, 0.2077

Complementary

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



15.2676, 0.4106, 0.2309



39.5177, 0.2751, 0.4720

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.



15.2676, 0.1361, 0.3090



15.2676, 0.4106, 0.2309



15.2676, 0.3008, 0.5656

Square

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



15.2676, 0.4106, 0.2309



15.2676, 0.5047, 0.4584



15.2676, 0.1993, 0.4633



15.2676, 0.1332, 0.1636

Rectangle

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



15.2676, 0.4106, 0.2309



15.2676, 0.5544, 0.3481



15.2676, 0.1993, 0.4633



15.2676, 0.1192, 0.2341

Sweetspot

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



15.2684, 0.4106, 0.2309



64.8408, 0.3324, 0.2963



9.4772, 0.2210, 0.1225



13.2465, 0.3353, 0.2921



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.



15.2684, 0.4106, 0.2309



23.6974, 0.4418, 0.2275



13.9317, 0.5430, 0.3177



10.1739, 0.3200, 0.3157



8.3385, 0.4598, 0.2307



0.3738, 0.4208, 0.2092

Inverse Universe

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



15.2684, 0.4106, 0.2309



23.6974, 0.4418, 0.2275



41.6958, 0.2372, 0.3474



10.1739, 0.3200, 0.3157



8.3385, 0.4598, 0.2307



0.3738, 0.4208, 0.2092

Previews

White Background



This preview shows how the Yxy color 15.2676, 0.4106, 0.2309 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 15.2676, 0.4106, 0.2309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

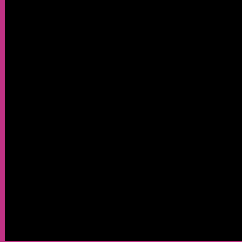
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2676, 0.4106, 0.2309

Background



This preview shows how black text looks on a background with the Yxy color 15.2676, 0.4106, 0.2309.



This preview shows how white text looks on a background with the Yxy color 15.2676, 0.4106, 0.2309.

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

15.2676, 0.4106, 0.2309

Protanopia

15.7124, 0.2243, 0.2105

Deuteranopia

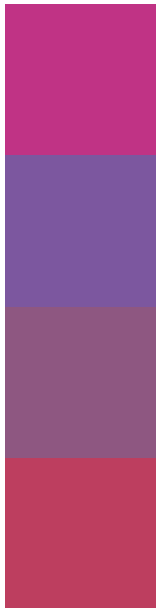
15.5325, 0.2972, 0.2916



Tritanopia

15.1801, 0.5064, 0.3235

Trichromacy



Original Color

15.2676, 0.4106, 0.2309

Protanomaly

13.6047, 0.2721, 0.2059

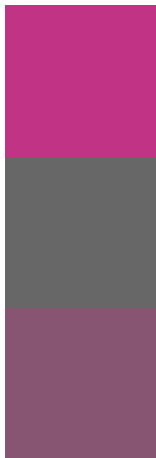
Deuteranomaly

14.1522, 0.3356, 0.2564

Tritanomaly

15.0903, 0.4737, 0.2885

Monochromacy



Original Color

15.2676, 0.4106, 0.2309

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

12.7064, 0.3489, 0.2737

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2676, 0.4106, 0.2309 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, 51, 133)` looks like.

```
.text, #text, p{  
    color:rgb(192, 51, 133)  
}
```

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, 51, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 51, 133) }
```

Border

The CSS property to change the border of an element to Yxy 15.2676, 0.4106, 0.2309 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, 51, 133) }
```

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

```
.border{ border-color:rgb(192, 51, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 51, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 51, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 51, 133);  
box-shadow:4px 4px 4px 4px rgb(192, 51,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2676, 0.4106, 0.2309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 51, 133) }
```

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

```
.background{ background-color: rgb(192, 51,  
133) }
```

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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