

Converting Colors

$Yxy(16.9166, 0.4040, 0.2403)$

Have a look what the booklet for
Yxy(16.9166, 0.4040, 0.2403)
contains.

Yxy(17.0275, 0.4044, 0.2409)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.0275, 0.4044, 0.2409)

Conversions

Conversions Part 1

Format	Color
Hex	C24188
RGB	194, 65, 136
RGB Percent	76%, 25%, 53%
CMY	0.2392, 0.7451, 0.4667
CMYK	0.00, 0.66, 0.30, 0.24
HSL	327°, 51%, 51%
HSV	327°, 66%, 76%
XYZ	28.5841, 17.0275, 25.0712
YIQ	111.6650, 54.0930, 49.4290

Conversions

Conversions Part 2

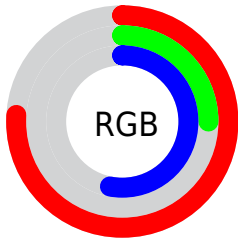
Format	Color
RYB	194, 65, 136
Decimal	12730760
CIELab	48.29, 57.86, -11.73
CIELCh	48, 59.036, 348.538
Yxy	17.0275, 0.4044, 0.2409
Android (android.graphics.Color)	4290920840 (0xFFC24188)
YUV	111.6650, 11.9972, 72.2078
Hunter-Lab	41.2644, 51.4356, -7.1380

Details

The Yxy color **17.0275, 0.4044, 0.2409** 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 **41.1423, 0.2736, 0.4494**, and the grayscale version is **16.0523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4197, 0.3848, 0.2598**, and **5.9061, 0.4373, 0.2183** is the 20% darker color. If you saturate the color by 10%, you get **14.9327, 0.4253, 0.2347**, and if you desaturate by 10%, it is **19.9090, 0.3849, 0.2509**.

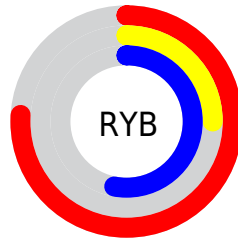
Distribution



Red (76%)

Green (25%)

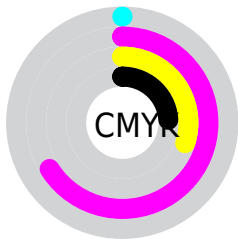
Blue (53%)



Red (76%)

Yellow (25%)

Blue (53%)

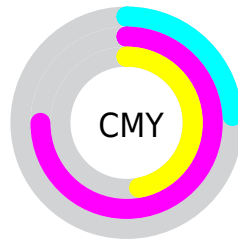


Cyan (0%)

Magenta (66%)

Yellow (30%)

Black (24%)



Cyan (24%)


Magenta (75%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0275, 0.4044, 0.2409 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 17.0275, 0.4044, 0.2409 by changing the saturation by 10% instead.


 17.0275, 0.4044,
0.2409


 17.0275, 0.4044,
0.2409


235.3308, 0.3528,
0.2890

 10.2541, 0.4195,
0.2275


 38.3731, 0.3841,
0.2594


 5.5678, 0.4404,
0.2094


 53.7140, 0.3769,
0.2660

 2.5841, 0.4711,
0.1840

 72.6796, 0.3711,
0.2715

 0.9187, 0.5199,
0.1462

 95.6542, 0.3662,
0.2761

 0.0000, 0.6784,
0.0000

 123.0222, 0.3621,
0.2801

 0.0000, 1.0000,
0.0000

155.1681, 0.3586,

 0.0000, 0.0000,

0.2835

0.0000

192.4761, 0.3555,
0.2864

■ 17.0275, 0.4044,
0.2409

■ 17.0275, 0.4044,
0.2409

■ 14.9327, 0.4253,
0.2347

■ 19.9090, 0.3849,
0.2509

■ 13.5392, 0.4468,
0.2333

■ 23.6455, 0.3672,
0.2634

■ 12.7402, 0.4679,
0.2372

■ 28.3008, 0.3518,
0.2774

■ 12.5274, 0.4753,
0.2392

■ 33.9321, 0.3386,
0.2919

■ 40.5917, 0.3274,
0.3064

■ 48.3281, 0.3180,
0.3203

■ 57.1868, 0.3101,
0.3335

■ 67.2107, 0.3037,
0.3458

■ 78.4404, 0.2983,
0.3572

Harmonies

Analogous

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



17.0275, 0.2863, 0.1932



17.0275, 0.4044, 0.2409



17.0275, 0.5040, 0.3054

Triad

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



17.0275, 0.4044, 0.2409



17.0275, 0.4049, 0.5257



17.0275, 0.1314, 0.2181

Complementary

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



17.0275, 0.4044, 0.2409



41.1423, 0.2736, 0.4494

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.



17.0275, 0.1498, 0.3102



17.0275, 0.4044, 0.2409



17.0275, 0.3033, 0.5378

Square

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



17.0275, 0.4044, 0.2409



17.0275, 0.4903, 0.4555



17.0275, 0.2093, 0.4446



17.0275, 0.1471, 0.1763

Rectangle

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



17.0275, 0.4044, 0.2409



17.0275, 0.5325, 0.3529



17.0275, 0.2093, 0.4446



17.0275, 0.1335, 0.2426

Sweetspot

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



17.0284, 0.4044, 0.2409



68.7008, 0.3314, 0.3009



11.7336, 0.2335, 0.1405



14.2904, 0.3346, 0.2967



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.



17.0284, 0.4044, 0.2409



25.6985, 0.4356, 0.2334



15.7399, 0.5154, 0.3198



10.1686, 0.3205, 0.3164



8.2522, 0.4727, 0.2378



0.3703, 0.4300, 0.2142

Inverse Universe

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



17.0284, 0.4044, 0.2409



25.6985, 0.4356, 0.2334



43.2321, 0.2395, 0.3421



10.1686, 0.3205, 0.3164



8.2522, 0.4727, 0.2378



0.3703, 0.4300, 0.2142

Previews

White Background



This preview shows how the Yxy color 17.0275, 0.4044, 0.2409 looks on a white background.

Color Contrast Check

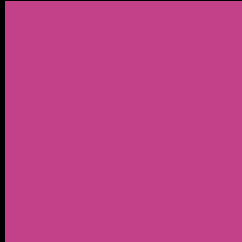
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0275, 0.4044, 0.2409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

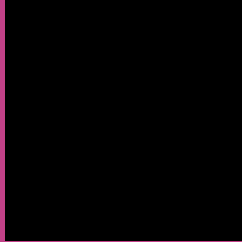
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0275, 0.4044, 0.2409

Background



This preview shows how black text looks on a background with the Yxy color 17.0275, 0.4044, 0.2409.



This preview shows how white text looks on a background with the Yxy color 17.0275, 0.4044, 0.2409.

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

17.0275, 0.4044, 0.2409

Protanopia

17.1993, 0.2379, 0.2275

Deuteranopia

17.1664, 0.3027, 0.2968



Tritanopia

17.0205, 0.4846, 0.3232

Trichromacy



Original Color

17.0275, 0.4044, 0.2409



Protanomaly

15.7399, 0.2841, 0.2250



Deuteranomaly

16.0534, 0.3370, 0.2667



Tritanomaly

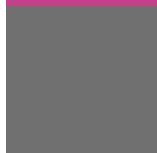
16.8008, 0.4568, 0.2922

Monochromacy



Original Color

17.0275, 0.4044, 0.2409



Achromatopsia

16.2029, 0.3127, 0.3290



Achromatomaly

15.3157, 0.3458, 0.2832

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0275, 0.4044, 0.2409 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(194, 65, 136)` looks like.

```
.text, #text, p{  
    color:rgb(194, 65, 136)  
}
```

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(194, 65, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 65, 136) }
```

Border

The CSS property to change the border of an element to Yxy 17.0275, 0.4044, 0.2409 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(194, 65, 136) }
```

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

```
.border{ border-color:rgb(194, 65, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 65, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 65, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 65, 136);  
box-shadow:4px 4px 4px 4px rgb(194, 65,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0275, 0.4044, 0.2409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 65, 136) }
```

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

```
.background{ background-color: rgb(194, 65,  
136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor