

Converting Colors

$Y_{xy}(17.1761, 0.4162, 0.2376)$

Have a look what the booklet for
Yxy(17.1761, 0.4162, 0.2376)
contains.

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Color

Yxy(17.1213, 0.4158, 0.2374)

Conversions

Conversions Part 1

Format	Color
Hex	C93988
RGB	201, 57, 136
RGB Percent	79%, 22%, 53%
CMY	0.2119, 0.7763, 0.4667
CMYK	0.00, 0.72, 0.32, 0.21
HSL	327°, 57%, 51%
HSV	327°, 72%, 79%
XYZ	29.9875, 17.1213, 25.0112
YIQ	109.0620, 60.4650, 55.0970

Conversions

Conversions Part 2

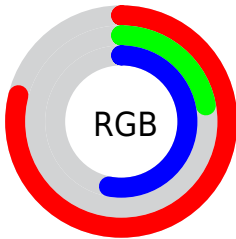
Format	Color
R_{YB}	201, 57, 136
Decimal	13187464
CIE _{Lab}	48.41, 62.75, -11.43
CIE _{LCh}	48, 63.778, 349.675
Yxy	17.1213, 0.4158, 0.2374
Android (android.graphics.Color)	4291377544 (0xFFC93988)
YUV	109.0620, 13.2804, 80.6296
Hunter-Lab	41.3779, 56.9518, -6.8738

Details

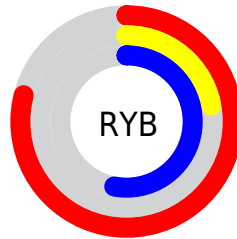
The Yxy color **17.1213, 0.4158, 0.2374** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **44.0368, 0.2727, 0.4603**, and the grayscale version is **15.2664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.1956, 0.3871, 0.2546**, and **6.4227, 0.4484, 0.2244** is the 20% darker color. If you saturate the color by 10%, you get **15.2638, 0.4373, 0.2337**, and if you desaturate by 10%, it is **19.7886, 0.3953, 0.2455**.

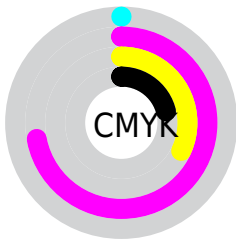
Distribution



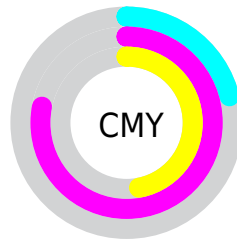
- Red (79%)
- Green (22%)
- Blue (53%)



- Red (79%)
- Yellow (22%)
- Blue (53%)



- Cyan (0%)
- Magenta (72%)
- Yellow (32%)
- Black (21%)





- Cyan (21%)
- Magenta (78%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1213, 0.4158, 0.2374 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 17.1213, 0.4158, 0.2374 by changing the saturation by 10% instead.


 17.1213, 0.4158,
0.2374


 17.1213, 0.4158,
0.2374


235.8704, 0.3578,
0.2873


 10.3210, 0.4327,
0.2236


 38.5342, 0.3930,
0.2565


 5.6123, 0.4561,
0.2050


 53.9156, 0.3850,
0.2634


 2.6108, 0.4903,
0.1790

 72.9262, 0.3784,
0.2691

 0.9321, 0.5442,
0.1408

 95.9504, 0.3729,
0.2739

 0.0000, 0.7089,
0.0000

 123.3725, 0.3683,
0.2780

 0.0000, 1.0000,
0.0000

155.5769, 0.3643,

 0.0000, 0.0000,

0.2815

0.0000

192.9481, 0.3608,
0.2846

■ 17.1213, 0.4158,
0.2374

■ 17.1213, 0.4158,
0.2374

■ 15.2638, 0.4373,
0.2337

■ 19.7886, 0.3953,
0.2455

■ 14.1140, 0.4589,
0.2352

■ 23.3465, 0.3765,
0.2568

■ 13.5439, 0.4765,
0.2399

■ 27.8686, 0.3598,
0.2702

■ 33.4204, 0.3453,
0.2845

■ 40.0615, 0.3330,
0.2991

■ 47.8467, 0.3226,
0.3133

■ 56.8273, 0.3140,
0.3269

■ 67.0515, 0.3068,
0.3396

■ 78.5647, 0.3008,
0.3515

Harmonies

Analogous

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



17.1213, 0.2882, 0.1868



17.1213, 0.4158, 0.2374



17.1213, 0.5211, 0.3047

Triad

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



17.1213, 0.4158, 0.2374



17.1213, 0.4031, 0.5400



17.1213, 0.1216, 0.2073

Complementary

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



17.1213, 0.4158, 0.2374



44.0368, 0.2727, 0.4603

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.



17.1213, 0.1383, 0.3023



17.1213, 0.4158, 0.2374



17.1213, 0.2958, 0.5544

Square

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



17.1213, 0.4158, 0.2374



17.1213, 0.4961, 0.4625



17.1213, 0.1979, 0.4491



17.1213, 0.1394, 0.1664

Rectangle

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



17.1213, 0.4158, 0.2374



17.1213, 0.5482, 0.3539



17.1213, 0.1979, 0.4491



17.1213, 0.1230, 0.2320

Sweetspot

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



17.1222, 0.4158, 0.2374



69.0027, 0.3326, 0.2995



11.2716, 0.2283, 0.1286



14.0427, 0.3358, 0.2955



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.



17.1222, 0.4158, 0.2374



24.9031, 0.4494, 0.2339



15.7181, 0.5434, 0.3226



10.7326, 0.3205, 0.3164



8.5375, 0.4737, 0.2383



0.4187, 0.4334, 0.2161

Inverse Universe

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



17.1222, 0.4158, 0.2374



24.9031, 0.4494, 0.2339



46.5155, 0.2357, 0.3396



10.7326, 0.3205, 0.3164



8.5375, 0.4737, 0.2383



0.4187, 0.4334, 0.2161

Previews

White Background



This preview shows how the Yxy color 17.1213, 0.4158, 0.2374 looks on a white background.

Color Contrast Check

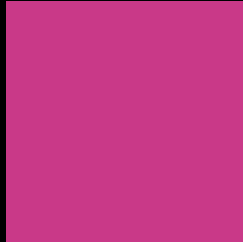
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1213, 0.4158, 0.2374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

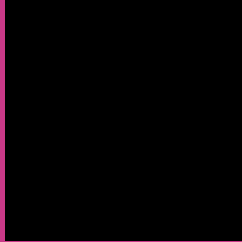
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1213, 0.4158, 0.2374

Background



This preview shows how black text looks on a background with the Yxy color 17.1213, 0.4158, 0.2374.



This preview shows how white text looks on a background with the Yxy color 17.1213, 0.4158, 0.2374.

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

17.1213, 0.4158, 0.2374

Protanopia

17.5489, 0.2323, 0.2207

Deuteranopia

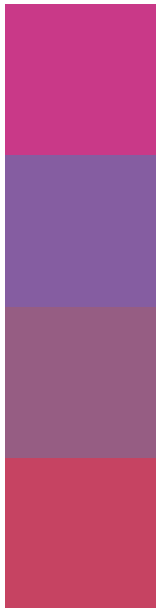
17.4337, 0.3051, 0.3007



Tritanopia

17.1712, 0.5062, 0.3249

Trichromacy



Original Color

17.1213, 0.4158, 0.2374

Protanomaly

15.3885, 0.2818, 0.2166

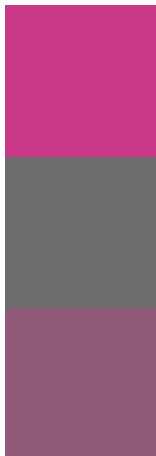
Deuteranomaly

15.9514, 0.3431, 0.2658

Tritanomaly

16.9019, 0.4760, 0.2926

Monochromacy



Original Color

17.1213, 0.4158, 0.2374

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.3950, 0.3501, 0.2778

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1213, 0.4158, 0.2374 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(201, 57, 136)` looks like.

```
.text, #text, p{  
    color:rgb(201, 57, 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(201, 57, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 57, 136) }
```

Border

The CSS property to change the border of an element to Yxy 17.1213, 0.4158, 0.2374 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(201, 57, 136) }
```

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

```
.border{ border-color:rgb(201, 57, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 57, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 57, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 57, 136);  
box-shadow:4px 4px 4px 4px rgb(201, 57,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1213, 0.4158, 0.2374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 57, 136) }
```

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

```
.background{ background-color: rgb(201, 57,  
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](#).

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