

Converting Colors

$Y_{xy}(17.8879, 0.4183, 0.2423)$

Have a look what the booklet for
Yxy(17.8879, 0.4183, 0.2423)
contains.

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Color

Yxy(17.9524, 0.4186, 0.2423)

Conversions

Conversions Part 1

Format	Color
Hex	CC3D88
RGB	204, 61, 136
RGB Percent	80%, 24%, 53%
CMY	0.2000, 0.7608, 0.4667
CMYK	0.00, 0.70, 0.33, 0.20
HSL	329°, 58%, 52%
HSV	329°, 70%, 80%
XYZ	31.0148, 17.9524, 25.1245
YIQ	112.3070, 61.1530, 53.6410

Conversions

Conversions Part 2

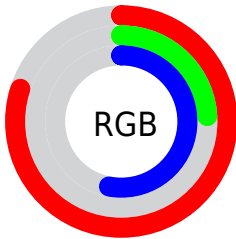
Format	Color
R_{YB}	204, 61, 136
Decimal	13385096
CIE _{Lab}	49.44, 62.17, -9.85
CIE _{LCh}	49, 62.942, 351.000
Yxy	17.9524, 0.4186, 0.2423
Android (android.graphics.Color)	4291575176 (0xFFCC3D88)
YUV	112.3070, 11.6806, 80.4148
Hunter-Lab	42.3703, 56.5128, -5.4982

Details

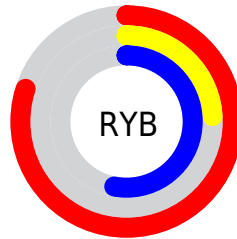
The Yxy color **17.9524, 0.4186, 0.2423** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **45.7633, 0.2710, 0.4513**, and the grayscale version is **16.2507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1278, 0.3862, 0.2582**, and **6.6916, 0.4537, 0.2273** is the 20% darker color. If you saturate the color by 10%, you get **15.9105, 0.4415, 0.2384**, and if you desaturate by 10%, it is **20.8491, 0.3969, 0.2505**.

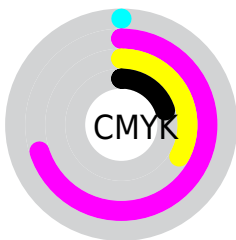
Distribution



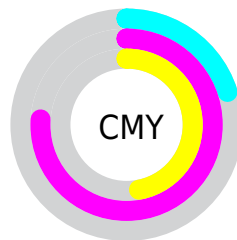
- Red (80%)
- Green (24%)
- Blue (53%)



- Red (80%)
- Yellow (24%)
- Blue (53%)



- Cyan (0%)
- Magenta (70%)
- Yellow (33%)
- Black (20%)




- Cyan (20%)
- Magenta (76%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9524, 0.4186, 0.2423 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 17.9524, 0.4186, 0.2423 by changing the saturation by 10% instead.


 17.9524, 0.4186,
0.2423


 17.9524, 0.4186,
0.2423


240.6026, 0.3591,
0.2895


 10.9158, 0.4359,
0.2292


 39.9562, 0.3952,
0.2604

 6.0103, 0.4598,
0.2116


 55.6922, 0.3870,
0.2670

 2.8513, 0.4946,
0.1868

 75.0968, 0.3803,
0.2723

 1.0546, 0.5494,
0.1502

 98.5544, 0.3746,
0.2769

 0.0000, 0.7232,
0.0000

 126.4494, 0.3699,
0.2808

 0.0000, 1.0000,
0.0000

159.1662, 0.3658,

 0.0000, 0.0000,

0.2841

0.0000

197.0891, 0.3622,
0.2870

■ 17.9524, 0.4186,
0.2423

■ 17.9524, 0.4186,
0.2423

■ 15.9105, 0.4415,
0.2384

■ 20.8491, 0.3969,
0.2505

■ 14.6201, 0.4647,
0.2397

■ 24.6825, 0.3772,
0.2616


■ 13.8988, 0.4869,
0.2456

■ 29.5279, 0.3598,
0.2746


■ 35.4522, 0.3449,
0.2885

■ 42.5164, 0.3322,
0.3024

 50.7771, 0.3216,
0.3160

 60.2869, 0.3128,
0.3289

 71.0954, 0.3055,
0.3410

 83.2494, 0.2995,
0.3521

Harmonies

Analogous

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



17.9524, 0.2941, 0.1915



17.9524, 0.4186, 0.2423



17.9524, 0.5184, 0.3092

Triad

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



17.9524, 0.4186, 0.2423



17.9524, 0.3980, 0.5376



17.9524, 0.1255, 0.2078

Complementary

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



17.9524, 0.4186, 0.2423



45.7633, 0.2710, 0.4513

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.



17.9524, 0.1407, 0.2983



17.9524, 0.4186, 0.2423



17.9524, 0.2926, 0.5452

Square

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



17.9524, 0.4186, 0.2423



17.9524, 0.4895, 0.4647



17.9524, 0.1977, 0.4389



17.9524, 0.1444, 0.1690

Rectangle

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



17.9524, 0.4186, 0.2423



17.9524, 0.5427, 0.3580



17.9524, 0.1977, 0.4389



17.9524, 0.1265, 0.2314

Sweetspot

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



17.9534, 0.4186, 0.2423



68.9305, 0.3336, 0.3008



12.2668, 0.2328, 0.1332



14.0255, 0.3370, 0.2969



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.



17.9534, 0.4186, 0.2423



25.1367, 0.4531, 0.2384



16.5663, 0.5404, 0.3250



11.3103, 0.3209, 0.3169



8.7670, 0.4839, 0.2440



0.4676, 0.4436, 0.2217

Inverse Universe

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



17.9534, 0.4186, 0.2423



25.1367, 0.4531, 0.2384



48.3126, 0.2353, 0.3358



11.3103, 0.3209, 0.3169



8.7670, 0.4839, 0.2440



0.4676, 0.4436, 0.2217

Previews

White Background



This preview shows how the Yxy color 17.9524, 0.4186, 0.2423 looks on a white background.

Color Contrast Check

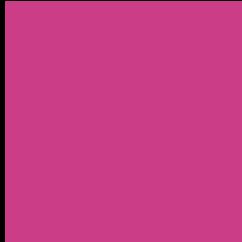
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9524, 0.4186, 0.2423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

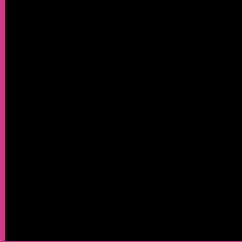
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9524, 0.4186, 0.2423

Background



This preview shows how black text looks on a background with the Yxy color 17.9524, 0.4186, 0.2423.



This preview shows how white text looks on a background with the Yxy color 17.9524, 0.4186, 0.2423.

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

17.9524, 0.4186, 0.2423

Protanopia

18.1994, 0.2385, 0.2281

Deuteranopia

18.2064, 0.3089, 0.3031



Tritanopia

18.0274, 0.5020, 0.3249

Trichromacy



Original Color

17.9524, 0.4186, 0.2423

Protanomaly

16.2222, 0.2881, 0.2242

Deuteranomaly

16.7204, 0.3469, 0.2687

Tritanomaly

17.8441, 0.4736, 0.2951

Monochromacy



Original Color

17.9524, 0.4186, 0.2423

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.2289, 0.3507, 0.2805

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9524, 0.4186, 0.2423 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(204, 61, 136)` looks like.

```
.text, #text, p{  
    color:rgb(204, 61, 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(204, 61, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 61, 136) }
```

Border

The CSS property to change the border of an element to Yxy 17.9524, 0.4186, 0.2423 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(204, 61, 136) }
```

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

```
.border{ border-color:rgb(204, 61, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 61, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 61, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 61, 136);  
box-shadow:4px 4px 4px 4px rgb(204, 61,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9524, 0.4186, 0.2423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 61, 136) }
```

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

```
.background{ background-color: rgb(204, 61,  
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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