

Converting Colors

$Y_{xy}(19.0084, 0.4203, 0.2654)$

Have a look what the booklet for
Yxy(19.0084, 0.4203, 0.2654)
contains.

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Color

Yxy(19.0084, 0.4203, 0.2654)

Conversions

Conversions Part 1

Format	Color
Hex	C74D80
RGB	199, 77, 128
RGB Percent	78%, 30%, 50%
CMY	0.2196, 0.6980, 0.4980
CMYK	0.00, 0.61, 0.36, 0.22
HSL	335°, 52%, 54%
HSV	335°, 61%, 78%
XYZ	30.1026, 19.0084, 22.5107
YIQ	119.2920, 56.3410, 41.7250

Conversions

Conversions Part 2

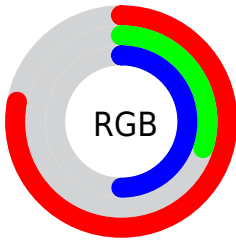
Format	Color
R_{YB}	199, 77, 128
Decimal	13061504
CIE _{Lab}	50.70, 53.33, -3.27
CIE _{LCh}	51, 53.433, 356.496
Yxy	19.0084, 0.4203, 0.2654
Android (android.graphics.Color)	4291251584 (0xFFC74D80)
YUV	119.2920, 4.2930, 69.9039
Hunter-Lab	43.5986, 46.9475, -0.0934

Details

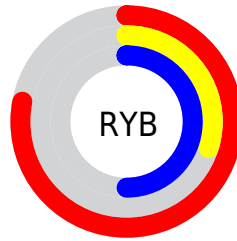
The Yxy color **19.0084, 0.4203, 0.2654** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **44.5588, 0.2657, 0.4108**, and the grayscale version is **18.5197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.0987, 0.3920, 0.2786**, and **6.5151, 0.4636, 0.2409** is the 20% darker color. If you saturate the color by 10%, you get **16.3496, 0.4485, 0.2600**, and if you desaturate by 10%, it is **22.5555, 0.3948, 0.2738**.

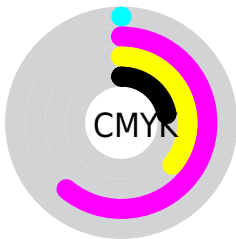
Distribution



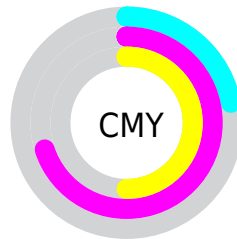
- Red (78%)
- Green (30%)
- Blue (50%)



- Red (78%)
- Yellow (30%)
- Blue (50%)



- Cyan (0%)
- Magenta (61%)
- Yellow (36%)
- Black (22%)




- Cyan (22%)
- Magenta (70%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0084, 0.4203, 0.2654 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 19.0084, 0.4203, 0.2654 by changing the saturation by 10% instead.

 19.0084, 0.4203,
0.2654


 19.0084, 0.4203,
0.2654


246.4951, 0.3593,
0.3010


 11.6763, 0.4384,
0.2551


 41.7483, 0.3962,
0.2793


 6.5237, 0.4635,
0.2409


 57.9249, 0.3877,
0.2842

 3.1661, 0.5007,
0.2203

 77.8185, 0.3808,
0.2883

 1.2190, 0.5604,
0.1881

 101.8135, 0.3751,
0.2917

 0.0772, 0.7934,
0.0409

 130.2943, 0.3702,
0.2945

 0.0000, 1.0000,
0.0000

163.6452, 0.3661,

 0.0000, 0.0000,

0.2970

0.0000

202.2507, 0.3625,
0.2991

■ 19.0084, 0.4203,
0.2654

■ 19.0084, 0.4203,
0.2654

■ 16.3496, 0.4485,
0.2600

■ 22.5555, 0.3948,
0.2738

■ 14.4945, 0.4781,
0.2590

■ 27.0594, 0.3726,
0.2841

■ 13.3470, 0.5075,
0.2631

■ 32.5853, 0.3537,
0.2952

■ 12.7687, 0.5316,
0.2702

■ 39.1916, 0.3379,
0.3064

■ 46.9325, 0.3248,
0.3173

■ 55.8583, 0.3140,
0.3277

■ 66.0164, 0.3051,
0.3374

■ 77.4516, 0.2978,
0.3463

■ 89.4998, 0.2918,
0.3533

Harmonies

Analogous

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



19.0084, 0.3167, 0.2162



19.0084, 0.4203, 0.2654



19.0084, 0.4944, 0.3278

Triad

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



19.0084, 0.4203, 0.2654



19.0084, 0.3759, 0.5128



19.0084, 0.1495, 0.2176

Complementary

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



19.0084, 0.4203, 0.2654



44.5588, 0.2657, 0.4108

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.



19.0084, 0.1588, 0.2885



19.0084, 0.4203, 0.2654



19.0084, 0.2838, 0.4948

Square

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



19.0084, 0.4203, 0.2654



19.0084, 0.4571, 0.4649



19.0084, 0.2044, 0.3981



19.0084, 0.1722, 0.1875

Rectangle

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



19.0084, 0.4203, 0.2654



19.0084, 0.5087, 0.3730



19.0084, 0.2044, 0.3981



19.0084, 0.1489, 0.2363

Sweetspot

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



19.0094, 0.4203, 0.2654



72.5278, 0.3336, 0.3098



15.5558, 0.2584, 0.1618



14.7114, 0.3377, 0.3065



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.



19.0094, 0.4203, 0.2654



27.2423, 0.4596, 0.2591



19.1966, 0.4974, 0.3392



10.7093, 0.3225, 0.3194



8.2280, 0.5281, 0.2683



0.4040, 0.4746, 0.2388

Inverse Universe

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



19.0094, 0.4203, 0.2654



27.2423, 0.4596, 0.2591



42.9017, 0.2359, 0.3166



10.7093, 0.3225, 0.3194



8.2280, 0.5281, 0.2683



0.4040, 0.4746, 0.2388

Previews

White Background



This preview shows how the Yxy color 19.0084, 0.4203, 0.2654 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 19.0084, 0.4203, 0.2654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

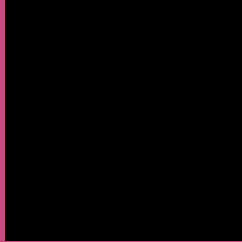
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0084, 0.4203, 0.2654

Background



This preview shows how black text looks on a background with the Yxy color 19.0084, 0.4203, 0.2654.



This preview shows how white text looks on a background with the Yxy color 19.0084, 0.4203, 0.2654.

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

19.0084, 0.4203, 0.2654

Protanopia

19.2442, 0.2673, 0.2663

Deuteranopia

19.1143, 0.3272, 0.3200



Tritanopia

18.9881, 0.4731, 0.3219

Trichromacy



Original Color

19.0084, 0.4203, 0.2654



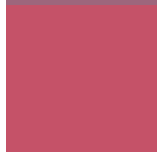
Protanomaly

17.8743, 0.3146, 0.2608



Deuteranomaly

18.1261, 0.3607, 0.2932



Tritanomaly

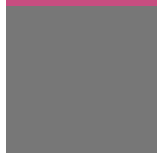
18.9044, 0.4553, 0.3016

Monochromacy



Original Color

19.0084, 0.4203, 0.2654



Achromatopsia

18.4475, 0.3127, 0.3290



Achromatomaly

17.6017, 0.3505, 0.2983

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0084, 0.4203, 0.2654 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(199, 77, 128)` looks like.

```
.text, #text, p{  
    color:rgb(199, 77, 128)  
}
```

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(199, 77, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 77, 128) }
```

Border

The CSS property to change the border of an element to Yxy 19.0084, 0.4203, 0.2654 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(199, 77, 128) }
```

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

```
.border{ border-color:rgb(199, 77, 128) }
```

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

Here you see how a box with a 4 pixel rgb(199, 77, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 77, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 77, 128);  
box-shadow:4px 4px 4px 4px rgb(199, 77,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0084, 0.4203, 0.2654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 77, 128) }
```

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

```
.background{ background-color: rgb(199, 77,  
128) }
```

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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