

Converting Colors

$Y_{xy}(20.1568, 0.4459, 0.3006)$

Have a look what the booklet for
Yxy(20.1568, 0.4459, 0.3006)
contains.

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Color

Yxy(20.0843, 0.4450, 0.3001)

Conversions

Conversions Part 1

Format	Color
Hex	C7576E
RGB	199, 87, 110
RGB Percent	78%, 34%, 43%
CMY	0.2195, 0.6589, 0.5686
CMYK	0.00, 0.56, 0.45, 0.22
HSL	348°, 50%, 56%
HSV	348°, 56%, 78%
XYZ	29.7818, 20.0843, 17.0593
YIQ	123.1100, 59.3690, 30.8970

Conversions

Conversions Part 2

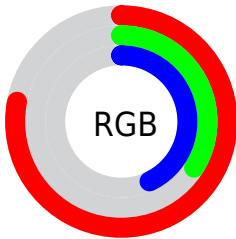
Format	Color
R_{YB}	199, 87, 110
Decimal	13064046
CIE _{Lab}	51.93, 46.79, 9.31
CIE _{LCh}	52, 47.709, 11.247
Yxy	20.0843, 0.4450, 0.3001
Android (android.graphics.Color)	4291254126 (0xFFC7576E)
YUV	123.1100, -6.4632, 66.5555
Hunter-Lab	44.8155, 40.1936, 8.8018

Details

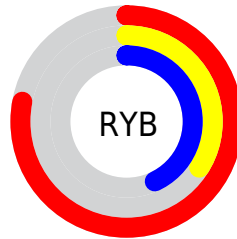
The Yxy color **20.0843, 0.4450, 0.3001** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **46.0207, 0.2546, 0.3639**, and the grayscale version is **19.8514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8830, 0.4113, 0.3084**, and **7.0546, 0.4986, 0.2837** is the 20% darker color. If you saturate the color by 10%, you get **16.9813, 0.4839, 0.2977**, and if you desaturate by 10%, it is **24.1390, 0.4105, 0.3043**.

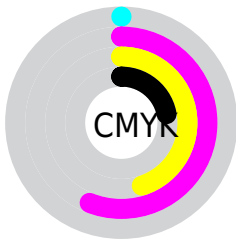
Distribution



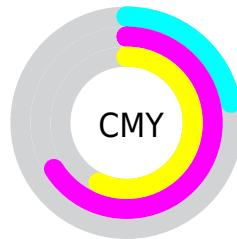
- Red (78%)
- Green (34%)
- Blue (43%)



- Red (78%)
- Yellow (34%)
- Blue (43%)



- Cyan (0%)
- Magenta (56%)
- Yellow (45%)
- Black (22%)




- Cyan (22%)
- Magenta (66%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.0843, 0.4450, 0.3001 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 20.0843, 0.4450, 0.3001 by changing the saturation by 10% instead.


 20.0843, 0.4450,
0.3001


 20.0843, 0.4450,
0.3001


252.3711, 0.3694,
0.3183


 12.4563, 0.4676,
0.2938


 43.5585, 0.4149,
0.3079


 7.0553, 0.4990,
0.2845


 60.1735, 0.4044,
0.3104

 3.4967, 0.5452,
0.2696

 80.5529, 0.3959,
0.3124

 1.3962, 0.6194,
0.2433

 105.0813, 0.3888,
0.3141

 0.2139, 0.8717,
0.1283

134.1429, 0.3828,
0.3154

 0.0000, 1.0000,
0.0000

168.1221, 0.3777,

 0.0000, 0.0000,

0.3166

0.0000

207.4034, 0.3732,
0.3175

■ 20.0843, 0.4450,
0.3001

■ 20.0843, 0.4450,
0.3001

■ 16.9813, 0.4839,
0.2977

■ 24.1390, 0.4105,
0.3043

■ 14.7487, 0.5249,
0.2981

■ 29.2119, 0.3812,
0.3095

■ 13.2966, 0.5642,
0.3019

■ 35.3669, 0.3570,
0.3151

■ 12.5093, 0.5968,
0.3092

■ 42.6619, 0.3372,
0.3206

■ 12.3055, 0.6071,
0.3118

■ 51.1506, 0.3212,
0.3259

■ 60.8834, 0.3082,
0.3308

■ 71.9077, 0.2977,
0.3353

■ 84.2684, 0.2892,
0.3394

■ 90.7151, 0.2813,
0.3317

Harmonies

Analogous

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



20.0843, 0.3621, 0.2477



20.0843, 0.4450, 0.3001



20.0843, 0.4852, 0.3610

Triad

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



20.0843, 0.4450, 0.3001



20.0843, 0.3314, 0.4903



20.0843, 0.1719, 0.2125

Complementary

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



20.0843, 0.4450, 0.3001



46.0207, 0.2546, 0.3639

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.



20.0843, 0.1662, 0.2587



20.0843, 0.4450, 0.3001



20.0843, 0.2511, 0.4368

Square

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



20.0843, 0.4450, 0.3001



20.0843, 0.4111, 0.4765



20.0843, 0.1922, 0.3409



20.0843, 0.2076, 0.1989

Rectangle

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



20.0843, 0.4450, 0.3001



20.0843, 0.4804, 0.4030



20.0843, 0.1922, 0.3409



20.0843, 0.1666, 0.2239

Sweetspot

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



20.0854, 0.4450, 0.3001



73.3690, 0.3389, 0.3201



20.0236, 0.2912, 0.1860



15.1198, 0.3427, 0.3190



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.



20.0854, 0.4450, 0.3001



28.5241, 0.4949, 0.2975



25.9630, 0.4539, 0.3701



10.6720, 0.3258, 0.3243



7.9205, 0.6040, 0.3101



0.3858, 0.5455, 0.2779

Inverse Universe

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



20.0854, 0.4450, 0.3001



28.5241, 0.4949, 0.2975



33.8913, 0.2321, 0.2798



10.6720, 0.3258, 0.3243



7.9205, 0.6040, 0.3101



0.3858, 0.5455, 0.2779

Previews

White Background



This preview shows how the Yxy color 20.0843, 0.4450, 0.3001 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 20.0843, 0.4450, 0.3001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

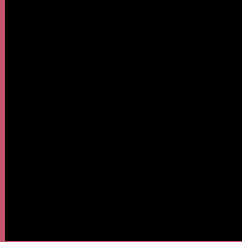
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.0843, 0.4450, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 20.0843, 0.4450, 0.3001.



This preview shows how white text looks on a background with the Yxy color 20.0843, 0.4450, 0.3001.

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

20.0843, 0.4450, 0.3001

Protanopia

20.3870, 0.3073, 0.3181

Deuteranopia

20.2925, 0.3608, 0.3555



Tritanopia

20.1626, 0.4638, 0.3219

Trichromacy



Original Color

20.0843, 0.4450, 0.3001

Protanomaly

19.4743, 0.3525, 0.3091

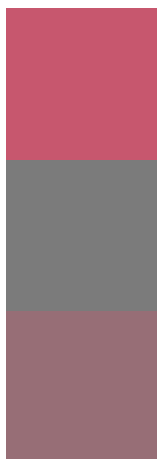
Deuteranomaly

19.5732, 0.3908, 0.3308

Tritanomaly

20.0901, 0.4568, 0.3142

Monochromacy



Original Color

20.0843, 0.4450, 0.3001

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.0392, 0.3582, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0843, 0.4450, 0.3001 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, 87, 110)` looks like.

```
.text, #text, p{  
    color:rgb(199, 87, 110)  
}
```

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, 87, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 87, 110) }
```

Border

The CSS property to change the border of an element to Yxy 20.0843, 0.4450, 0.3001 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, 87, 110) }
```

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

```
.border{ border-color:rgb(199, 87, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 87, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 87, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 87, 110);  
box-shadow:4px 4px 4px 4px rgb(199, 87,  
110) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 20.0843, 0.4450, 0.3001$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 87, 110) }
```

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

```
.background{ background-color: rgb(199, 87,  
110) }
```

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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