

Converting Colors

$Y_{xy}(23.9320, 0.4239, 0.3176)$

Have a look what the booklet for
Yxy(23.9320, 0.4239, 0.3176)
contains.

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Color

Yxy(23.9185, 0.4243, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	C76B74
RGB	199, 107, 116
RGB Percent	78%, 42%, 45%
CMY	0.2196, 0.5804, 0.5451
CMYK	0.00, 0.46, 0.42, 0.22
HSL	354°, 45%, 60%
HSV	354°, 46%, 78%
XYZ	31.9642, 23.9185, 19.4512
YIQ	135.5340, 51.9430, 22.3030

Conversions

Conversions Part 2

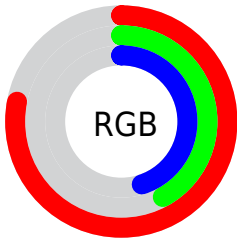
Format	Color
R_{YB}	199, 107, 116
Decimal	13069172
CIE _{Lab}	56.01, 37.33, 11.51
CIE _{LCh}	56, 39.068, 17.132
Yxy	23.9185, 0.4243, 0.3175
Android (android.graphics.Color)	4291259252 (0xFFC76B74)
YUV	135.5340, -9.6303, 55.6597
Hunter-Lab	48.9065, 31.0769, 10.6537

Details

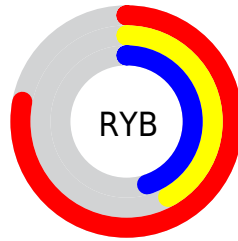
The Yxy color **23.9185, 0.4243, 0.3175** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.6948, 0.2565, 0.3418**, and the grayscale version is **24.4599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2288, 0.3967, 0.3208**, and **8.9965, 0.4678, 0.3092** is the 20% darker color. If you saturate the color by 10%, you get **19.8584, 0.4639, 0.3157**, and if you desaturate by 10%, it is **29.0166, 0.3906, 0.3199**.

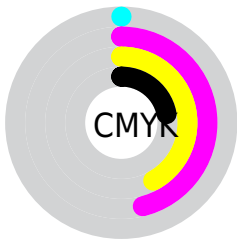
Distribution



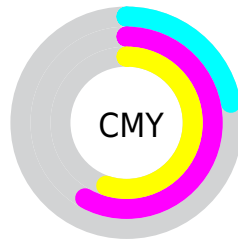
- Red (78%)
- Green (42%)
- Blue (45%)



- Red (78%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (46%)
- Yellow (42%)
- Black (22%)





- Cyan (22%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9185, 0.4243, 0.3175 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 23.9185, 0.4243, 0.3175 by changing the saturation by 10% instead.

 23.9185, 0.4243,
0.3175


 23.9185, 0.4243,
0.3175


272.4082, 0.3618,
0.3256


 15.2732, 0.4424,
0.3144

 49.8972, 0.3998,
0.3212


 9.0113, 0.4671,
0.3096


 67.9993, 0.3912,
0.3223

 4.7486, 0.5030,
0.3016

 90.0225, 0.3841,
0.3232

 2.1005, 0.5587,
0.2866

 116.3512, 0.3782,
0.3239

 0.6649, 0.7254,
0.2746

147.3697, 0.3732,
0.3245

 0.0000, 1.0000,
0.0000

183.4624, 0.3689,

 0.0000, 0.0000,

0.3249

0.0000

225.0138, 0.3651,
0.3253

■ 23.9185, 0.4243,
0.3175

■ 23.9185, 0.4243,
0.3175

■ 19.8584, 0.4639,
0.3157

■ 29.0166, 0.3906,
0.3199

■ 16.7617, 0.5080,
0.3151

■ 35.2134, 0.3628,
0.3225

■ 14.5493, 0.5528,
0.3160


■ 42.5694, 0.3403,
0.3251

■ 13.1285, 0.5927,
0.3187


■ 51.1395, 0.3222,
0.3275


■ 12.3814, 0.6216,
0.3230

■ 60.9751, 0.3076,
0.3298

 12.1916, 0.6295,
0.3242

 72.1246, 0.2959,
0.3320

 84.6340, 0.2863,
0.3339

 90.8831, 0.2800,
0.3289

Harmonies

Analogous

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



23.9185, 0.3656, 0.2718



23.9185, 0.4243, 0.3175



23.9185, 0.4484, 0.3687

Triad

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



23.9185, 0.4243, 0.3175



23.9185, 0.3175, 0.4465



23.9185, 0.2028, 0.2324

Complementary

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



23.9185, 0.4243, 0.3175



47.6948, 0.2565, 0.3418

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.



23.9185, 0.1935, 0.2662



23.9185, 0.4243, 0.3175



23.9185, 0.2549, 0.3972

Square

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



23.9185, 0.4243, 0.3175



23.9185, 0.3821, 0.4503



23.9185, 0.2109, 0.3260



23.9185, 0.2379, 0.2244

Rectangle

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



23.9185, 0.4243, 0.3175



23.9185, 0.4411, 0.4021



23.9185, 0.2109, 0.3260



23.9185, 0.1968, 0.2407

Sweetspot

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



23.9197, 0.4243, 0.3175



77.3959, 0.3363, 0.3256



25.5621, 0.3080, 0.2142



15.9040, 0.3406, 0.3250



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.



23.9197, 0.4243, 0.3175



35.0349, 0.4621, 0.3158



33.0920, 0.4125, 0.3776



10.6535, 0.3274, 0.3268



7.8449, 0.6276, 0.3231



0.3773, 0.5901, 0.3024

Inverse Universe

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



23.9197, 0.4243, 0.3175



35.0349, 0.4621, 0.3158



33.1629, 0.2416, 0.2732



10.6535, 0.3274, 0.3268



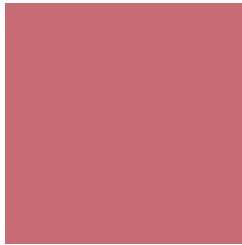
7.8449, 0.6276, 0.3231



0.3773, 0.5901, 0.3024

Previews

White Background



This preview shows how the Yxy color 23.9185, 0.4243, 0.3175 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 23.9185, 0.4243, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

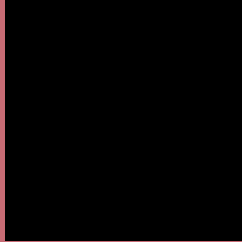
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.9185, 0.4243, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 23.9185, 0.4243, 0.3175.



This preview shows how white text looks on a background with the Yxy color 23.9185, 0.4243, 0.3175.

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

23.9185, 0.4243, 0.3175

Protanopia

24.0652, 0.3215, 0.3359

Deuteranopia

24.2030, 0.3646, 0.3584



Tritanopia

23.8953, 0.4257, 0.3188

Trichromacy



Original Color

23.9185, 0.4243, 0.3175

Protanomaly

23.3696, 0.3561, 0.3275

Deuteranomaly

23.8820, 0.3870, 0.3429

Tritanomaly

23.8953, 0.4257, 0.3188

Monochromacy



Original Color

23.9185, 0.4243, 0.3175

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.6231, 0.3497, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9185, 0.4243, 0.3175 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, 107, 116)` looks like.

```
.text, #text, p{  
    color:rgb(199, 107, 116)  
}
```

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, 107, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 107, 116) }
```

Border

The CSS property to change the border of an element to Yxy 23.9185, 0.4243, 0.3175 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, 107, 116) }
```

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

```
.border{ border-color:rgb(199, 107, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 107, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 107, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 107, 116);  
box-shadow:4px 4px 4px 4px rgb(199, 107,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9185, 0.4243, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 107, 116) }
```

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

```
.background{ background-color: rgb(199,  
107, 116) }
```

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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