

Converting Colors

$Y_{xy}(23.4871, 0.4164, 0.3256)$

Have a look what the booklet for
Yxy(23.4871, 0.4164, 0.3256)
contains.

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Color

Yxy(23.4205, 0.4171, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	BF6E71
RGB	191, 110, 113
RGB Percent	75%, 43%, 44%
CMY	0.2510, 0.5686, 0.5569
CMYK	0.00, 0.42, 0.41, 0.25
HSL	358°, 39%, 59%
HSV	358°, 42%, 75%
XYZ	30.0390, 23.4205, 18.5592
YIQ	134.5610, 47.3130, 18.1050

Conversions

Conversions Part 2

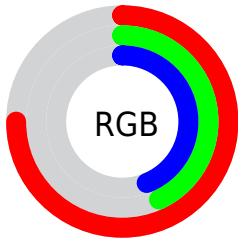
Format	Color
RYB	191, 110, 113
Decimal	12545649
CIELab	55.50, 32.38, 12.39
CIELCh	56, 34.668, 20.940
Yxy	23.4205, 0.4171, 0.3252
Android (android.graphics.Color)	4290735729 (0xFFBF6E71)
YUV	134.5610, -10.6296, 49.4970
Hunter-Lab	48.3947, 26.1057, 11.1388

Details

The Yxy color **23.4205, 0.4171, 0.3252** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **44.2009, 0.2573, 0.3332**, and the grayscale version is **24.0856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2350, 0.3940, 0.3271**, and **8.7643, 0.4592, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **19.3613, 0.4570, 0.3245**, and if you desaturate by 10%, it is **28.4542, 0.3835, 0.3261**.

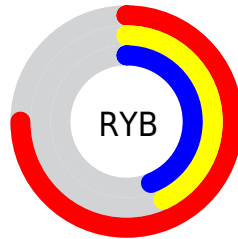
Distribution



Red (75%)

Green (43%)

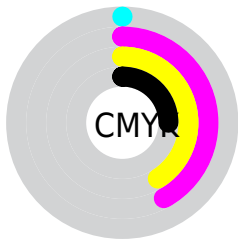
Blue (44%)



Red (75%)

Yellow (43%)

Blue (44%)

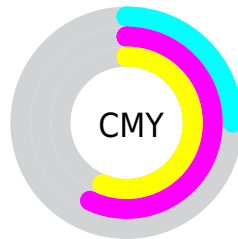


Cyan (0%)

Magenta (42%)

Yellow (41%)

Black (25%)



Cyan (25%)


Magenta (57%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4205, 0.4171, 0.3252 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 23.4205, 0.4171, 0.3252 by changing the saturation by 10% instead.


 23.4205, 0.4171,
0.3252


 23.4205, 0.4171,
0.3252


269.8775, 0.3584,
0.3290


 14.9043, 0.4342,
0.3233


 49.0829, 0.3940,
0.3272


 8.7523, 0.4578,
0.3201


 66.9978, 0.3859,
0.3278

 4.5799, 0.4922,
0.3144

 88.8145, 0.3793,
0.3282

 2.0030, 0.5461,
0.3025

 114.9173, 0.3737,
0.3284

 0.6092, 0.7094,
0.2906

145.6906, 0.3690,
0.3287

 0.0000, 1.0000,
0.0000


181.5188, 0.3650,


 0.0000, 0.0000,


0.3288

0.0000


222.7863, 0.3615,
0.3289


 23.4205, 0.4171,
0.3252


 23.4205, 0.4171,
0.3252

 19.3613, 0.4570,
0.3245


 28.4542, 0.3835,
0.3261

 16.2103, 0.5021,
0.3243

 34.5159, 0.3561,
0.3270


 13.8986, 0.5488,
0.3246


 41.6596, 0.3341,
0.3279

 12.3460, 0.5911,
0.3256


 49.9344, 0.3164,
0.3288


 11.4567, 0.6221,
0.3272

 59.3864, 0.3022,
0.3296

 11.0895, 0.6364,
0.3279

 70.0592, 0.2908,
0.3304

 81.9940, 0.2815,
0.3310

 89.8141, 0.2757,
0.3289

Harmonies

Analogous

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



23.4205, 0.3679, 0.2822



23.4205, 0.4171, 0.3252



23.4205, 0.4344, 0.3721

Triad

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



23.4205, 0.4171, 0.3252



23.4205, 0.3102, 0.4294



23.4205, 0.2159, 0.2397

Complementary

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



23.4205, 0.4171, 0.3252



44.2009, 0.2573, 0.3332

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.



23.4205, 0.2043, 0.2680



23.4205, 0.4171, 0.3252



23.4205, 0.2550, 0.3820

Square

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



23.4205, 0.4171, 0.3252



23.4205, 0.3691, 0.4392



23.4205, 0.2175, 0.3192



23.4205, 0.2510, 0.2347

Rectangle

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



23.4205, 0.4171, 0.3252



23.4205, 0.4253, 0.4016



23.4205, 0.2175, 0.3192



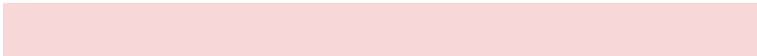
23.4205, 0.2094, 0.2464

Sweetspot

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



23.4217, 0.4171, 0.3252



73.5153, 0.3357, 0.3278



25.4727, 0.3131, 0.2249



15.4851, 0.3403, 0.3276



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.4217, 0.4171, 0.3252



35.0640, 0.4545, 0.3246



32.8973, 0.3990, 0.3789



9.5419, 0.3283, 0.3282



7.2920, 0.6354, 0.3274



0.2876, 0.6178, 0.3177

Inverse Universe

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



23.4217, 0.4171, 0.3252



35.0640, 0.4545, 0.3246



30.3693, 0.2464, 0.2723



9.5419, 0.3283, 0.3282



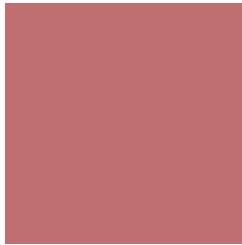
7.2920, 0.6354, 0.3274



0.2876, 0.6178, 0.3177

Previews

White Background



This preview shows how the Yxy color 23.4205, 0.4171, 0.3252 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 23.4205, 0.4171, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

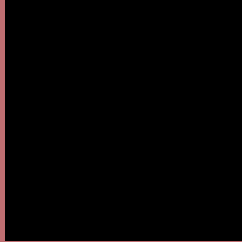
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4205, 0.4171, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 23.4205, 0.4171, 0.3252.



This preview shows how white text looks on a background with the Yxy color 23.4205, 0.4171, 0.3252.

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

23.4205, 0.4171, 0.3252

Protanopia

23.6590, 0.3271, 0.3428

Deuteranopia

23.4342, 0.3653, 0.3588



Tritanopia

23.2980, 0.4121, 0.3183

Trichromacy



Original Color

23.4205, 0.4171, 0.3252

Protanomaly

23.2158, 0.3569, 0.3356

Deuteranomaly

23.0379, 0.3838, 0.3448

Tritanomaly

23.2746, 0.4135, 0.3197

Monochromacy



Original Color

23.4205, 0.4171, 0.3252

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.4226, 0.3469, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4205, 0.4171, 0.3252 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(191, 110, 113)` looks like.

```
.text, #text, p{  
    color:rgb(191, 110, 113)  
}
```

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(191, 110, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 110, 113) }
```

Border

The CSS property to change the border of an element to Yxy 23.4205, 0.4171, 0.3252 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(191, 110, 113) }
```

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

```
.border{ border-color:rgb(191, 110, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 110, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 110, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 110, 113);  
box-shadow:4px 4px 4px 4px rgb(191, 110,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4205, 0.4171, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 110, 113) }
```

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

```
.background{ background-color: rgb(191,  
110, 113) }
```

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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