

Converting Colors

$Yxy(23.8768, 0.3772, 0.2893)$

Have a look what the booklet for
Yxy(23.8768, 0.3772, 0.2893)
contains.

Yxy(23.9243, 0.3772, 0.2903)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.9243, 0.3772, 0.2903)

Conversions

Conversions Part 1

Format	Color
Hex	BC6F8B
RGB	188, 111, 139
RGB Percent	74%, 44%, 55%
CMY	0.2627, 0.5647, 0.4549
CMYK	0.00, 0.41, 0.26, 0.26
HSL	338°, 37%, 59%
HSV	338°, 41%, 74%
XYZ	31.0859, 23.9243, 27.4021
YIQ	137.2150, 36.9040, 25.0320

Conversions

Conversions Part 2

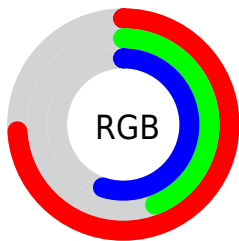
Format	Color
R _Y B	188, 111, 139
Decimal	12349323
CIE Lab	56.01, 34.10, -2.11
CIE LCh	56, 34.161, 356.454
Yxy	23.9243, 0.3772, 0.2903
Android (android.graphics.Color)	4290539403 (0xFFBC6F8B)
YUV	137.2150, 0.8800, 44.5384
Hunter-Lab	48.9125, 27.8474, 1.0229

Details

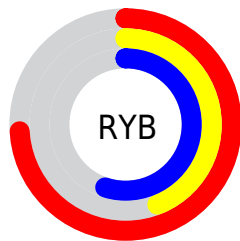
The Yxy color **23.9243, 0.3772, 0.2903** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **41.8912, 0.2746, 0.3723**, and the grayscale version is **25.0883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9495, 0.3639, 0.2990**, and **9.0453, 0.4021, 0.2767** is the 20% darker color. If you saturate the color by 10%, you get **19.9145, 0.4016, 0.2814**, and if you desaturate by 10%, it is **28.8382, 0.3566, 0.3000**.

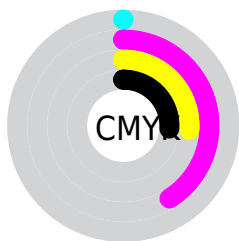
Distribution



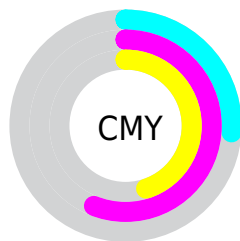
- Red (74%)
- Green (44%)
- Blue (55%)



- Red (74%)
- Yellow (44%)
- Blue (55%)



- Cyan (0%)
- Magenta (41%)
- Yellow (26%)
- Black (26%)




- Cyan (26%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9243, 0.3772, 0.2903 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 23.9243, 0.3772, 0.2903 by changing the saturation by 10% instead.


 23.9243, 0.3772,
0.2903


 23.9243, 0.3772,
0.2903


272.4375, 0.3416,
0.3115


 15.2775, 0.3874,
0.2843


 49.9066, 0.3633,
0.2985

 9.0144, 0.4014,
0.2762


 68.0109, 0.3584,
0.3014

 4.7505, 0.4217,
0.2644

 90.0365, 0.3544,
0.3038

 2.1017, 0.4538,
0.2462

 116.3678, 0.3510,
0.3059

 0.6656, 0.5147,
0.2100

147.3891, 0.3481,
0.3076

 0.0000, 1.0000,
0.0000

183.4850, 0.3456,

 0.0000, 0.0000,

0.3091

0.0000

225.0396, 0.3435,
0.3104

■ 23.9243, 0.3772,
0.2903

■ 23.9243, 0.3772,
0.2903

■ 19.9145, 0.4016,
0.2814

■ 28.8382, 0.3566,
0.3000

■ 16.7495, 0.4297,
0.2742

■ 34.7037, 0.3394,
0.3097

■ 14.3682, 0.4609,
0.2698


■ 41.5693, 0.3253,
0.3192

■ 12.6999, 0.4937,
0.2696

■ 49.4789, 0.3137,
0.3282


■ 11.6607, 0.5259,
0.2742


■ 58.4740, 0.3042,
0.3365

 11.1149, 0.5528,
0.2819

 68.5937, 0.2964,
0.3442

 79.8752, 0.2900,
0.3512

 88.1960, 0.2844,
0.3509

 88.9102, 0.2783,
0.3378

Harmonies

Analogous

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



23.9243, 0.3170, 0.2563



23.9243, 0.3772, 0.2903



23.9243, 0.4206, 0.3338

Triad

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



23.9243, 0.3772, 0.2903



23.9243, 0.3580, 0.4379



23.9243, 0.2067, 0.2625

Complementary

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



23.9243, 0.3772, 0.2903



41.8912, 0.2746, 0.3723

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.



23.9243, 0.2151, 0.3090



23.9243, 0.3772, 0.2903



23.9243, 0.2997, 0.4209

Square

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



23.9243, 0.3772, 0.2903



23.9243, 0.4066, 0.4192



23.9243, 0.2479, 0.3697



23.9243, 0.2225, 0.2389

Rectangle

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



23.9243, 0.3772, 0.2903



23.9243, 0.4316, 0.3647



23.9243, 0.2479, 0.3697



23.9243, 0.2067, 0.2756

Sweetspot

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



23.9255, 0.3772, 0.2903



73.6902, 0.3269, 0.3181



22.4502, 0.2863, 0.2200



15.4824, 0.3286, 0.3168



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



23.9255, 0.3772, 0.2903



36.8492, 0.3986, 0.2824



25.5805, 0.4095, 0.3437



9.5922, 0.3233, 0.3207



7.5793, 0.5495, 0.2801



0.3096, 0.4831, 0.2435

Inverse Universe

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



23.9255, 0.3772, 0.2903



36.8492, 0.3986, 0.2824



38.7508, 0.2548, 0.3134



9.5922, 0.3233, 0.3207



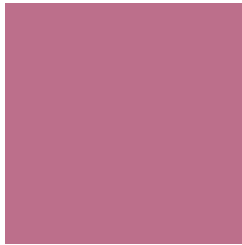
7.5793, 0.5495, 0.2801



0.3096, 0.4831, 0.2435

Previews

White Background



This preview shows how the Yxy color 23.9243, 0.3772, 0.2903 looks on a white background.

Color Contrast Check

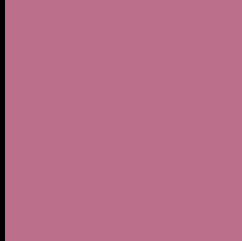
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9243, 0.3772, 0.2903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

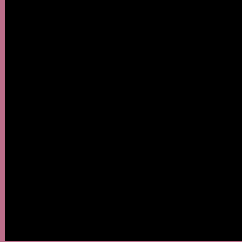
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.9243, 0.3772, 0.2903

Background



This preview shows how black text looks on a background with the Yxy color 23.9243, 0.3772, 0.2903.



This preview shows how white text looks on a background with the Yxy color 23.9243, 0.3772, 0.2903.

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

23.9243, 0.3772, 0.2903

Protanopia

24.2556, 0.2915, 0.2972

Deuteranopia

23.9459, 0.3260, 0.3191



Tritanopia

23.8789, 0.3965, 0.3179

Trichromacy



Original Color

23.9243, 0.3772, 0.2903

Protanomaly

23.7352, 0.3190, 0.2940

Deuteranomaly

23.6534, 0.3442, 0.3072

Tritanomaly

23.9336, 0.3900, 0.3081

Monochromacy



Original Color

23.9243, 0.3772, 0.2903

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.3412, 0.3347, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9243, 0.3772, 0.2903 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(188, 111, 139)` looks like.

```
.text, #text, p{  
    color:rgb(188, 111, 139)  
}
```

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(188, 111, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 111, 139) }
```

Border

The CSS property to change the border of an element to Yxy 23.9243, 0.3772, 0.2903 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(188, 111, 139) }
```

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

```
.border{ border-color:rgb(188, 111, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 111, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 111, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 111, 139);  
box-shadow:4px 4px 4px 4px rgb(188, 111,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9243, 0.3772, 0.2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 111, 139) }
```

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

```
.background{ background-color: rgb(188,  
111, 139) }
```

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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