

Converting Colors

$Y_{xy}(23.5563, 0.3833, 0.2965)$

Have a look what the booklet for
Yxy(23.5563, 0.3833, 0.2965)
contains.

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Color

Yxy(23.4379, 0.3831, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	BB6E86
RGB	187, 110, 134
RGB Percent	73%, 43%, 53%
CMY	0.2666, 0.5686, 0.4745
CMYK	0.00, 0.41, 0.28, 0.27
HSL	341°, 36%, 58%
HSV	341°, 41%, 73%
XYZ	30.3757, 23.4379, 25.4756
YIQ	135.7590, 38.1880, 23.7880

Conversions

Conversions Part 2

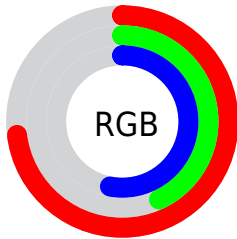
Format	Color
R_{YB}	187, 110, 134
Decimal	12283526
CIE Lab	55.52, 33.57, 0.07
CIE LCh	56, 33.570, 0.122
Yxy	23.4379, 0.3831, 0.2956
Android (android.graphics.Color)	4290473606 (0xFFBB6E86)
YUV	135.7590, -0.8672, 44.9384
Hunter-Lab	48.4127, 27.2745, 2.6894

Details

The Yxy color **23.4379, 0.3831, 0.2956** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **41.5084, 0.2718, 0.3661**, and the grayscale version is **24.5187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.1947, 0.3680, 0.3031**, and **8.7931, 0.4096, 0.2820** is the 20% darker color. If you saturate the color by 10%, you get **19.4830, 0.4099, 0.2881**, and if you desaturate by 10%, it is **28.2904, 0.3605, 0.3039**.

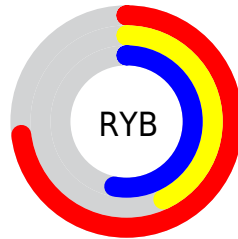
Distribution



Red (73%)

Green (43%)

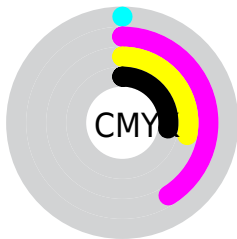
Blue (53%)



Red (73%)

Yellow (43%)

Blue (53%)

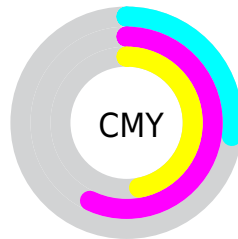


Cyan (0%)

Magenta (41%)

Yellow (28%)

Black (27%)



Cyan (27%)


Magenta (57%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4379, 0.3831, 0.2956 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 23.4379, 0.3831, 0.2956 by changing the saturation by 10% instead.


 23.4379, 0.3831,
0.2956


 23.4379, 0.3831,
0.2956


269.9662, 0.3440,
0.3142


 14.9172, 0.3944,
0.2902


 49.1114, 0.3678,
0.3029


 8.7613, 0.4100,
0.2828


 67.0329, 0.3624,
0.3054

 4.5858, 0.4329,
0.2719

 88.8568, 0.3579,
0.3076

 2.0064, 0.4693,
0.2546

 114.9676, 0.3542,
0.3093

 0.6112, 0.5466,
0.2179

145.7495, 0.3511,
0.3108

 0.0000, 1.0000,
0.0000

181.5869, 0.3484,

 0.0000, 0.0000,

0.3121

0.0000

222.8644, 0.3460,
0.3132

■ 23.4379, 0.3831,
0.2956

■ 23.4379, 0.3831,
0.2956

■ 19.4830, 0.4099,
0.2881

■ 28.2904, 0.3605,
0.3039

■ 16.3667, 0.4409,
0.2821

■ 34.0879, 0.3419,
0.3123

■ 14.0282, 0.4752,
0.2790


■ 40.8785, 0.3265,
0.3204

■ 12.3971, 0.5109,
0.2797


■ 48.7061, 0.3140,
0.3281


■ 11.3898, 0.5452,
0.2851


■ 57.6118, 0.3038,
0.3353

 10.8755, 0.5723,
0.2926

 67.6346, 0.2955,
0.3418

 78.8114, 0.2886,
0.3478

 88.2010, 0.2827,
0.3485

 88.9808, 0.2762,
0.3344

Harmonies

Analogous

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



23.4379, 0.3244, 0.2604



23.4379, 0.3831, 0.2956



23.4379, 0.4227, 0.3395

Triad

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



23.4379, 0.3831, 0.2956



23.4379, 0.3507, 0.4368



23.4379, 0.2083, 0.2591

Complementary

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



23.4379, 0.3831, 0.2956



41.5084, 0.2718, 0.3661

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.



23.4379, 0.2137, 0.3026



23.4379, 0.3831, 0.2956



23.4379, 0.2930, 0.4151

Square

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



23.4379, 0.3831, 0.2956



23.4379, 0.4008, 0.4220



23.4379, 0.2434, 0.3619



23.4379, 0.2268, 0.2385

Rectangle

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



23.4379, 0.3831, 0.2956



23.4379, 0.4306, 0.3700



23.4379, 0.2434, 0.3619



23.4379, 0.2074, 0.2711

Sweetspot

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



23.4390, 0.3831, 0.2956



71.8873, 0.3280, 0.3196



22.4867, 0.2903, 0.2207



15.4628, 0.3298, 0.3186



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.



23.4390, 0.3831, 0.2956



35.7805, 0.4059, 0.2890



26.1372, 0.4079, 0.3492



9.5840, 0.3241, 0.3219



7.5032, 0.5692, 0.2909



0.3060, 0.4993, 0.2524

Inverse Universe

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



23.4390, 0.3831, 0.2956



35.7805, 0.4059, 0.2890



36.7513, 0.2536, 0.3073



9.5840, 0.3241, 0.3219



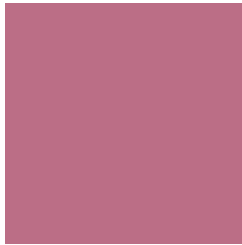
7.5032, 0.5692, 0.2909



0.3060, 0.4993, 0.2524

Previews

White Background



This preview shows how the Yxy color 23.4379, 0.3831, 0.2956 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 23.4379, 0.3831, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

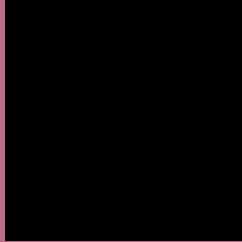
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4379, 0.3831, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 23.4379, 0.3831, 0.2956.



This preview shows how white text looks on a background with the Yxy color 23.4379, 0.3831, 0.2956.

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

23.4379, 0.3831, 0.2956

Protanopia

23.7872, 0.2973, 0.3052

Deuteranopia

23.5423, 0.3318, 0.3257



Tritanopia

23.4079, 0.3988, 0.3165

Trichromacy



Original Color

23.4379, 0.3831, 0.2956

Protanomaly

23.2956, 0.3259, 0.3017

Deuteranomaly

23.2664, 0.3505, 0.3134

Tritanomaly

23.3143, 0.3924, 0.3080

Monochromacy



Original Color

23.4379, 0.3831, 0.2956

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.8966, 0.3372, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4379, 0.3831, 0.2956 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(187, 110, 134)` looks like.

```
.text, #text, p{  
    color:rgb(187, 110, 134)  
}
```

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(187, 110, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 110, 134) }
```

Border

The CSS property to change the border of an element to Yxy 23.4379, 0.3831, 0.2956 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(187, 110, 134) }
```

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

```
.border{ border-color:rgb(187, 110, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 110, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 110, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 110, 134);  
box-shadow:4px 4px 4px 4px rgb(187, 110,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4379, 0.3831, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 110, 134) }
```

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

```
.background{ background-color: rgb(187,  
110, 134) }
```

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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