

Converting Colors

$Y_{xy}(23.0808, 0.4060, 0.3188)$

Have a look what the booklet for
Yxy(23.0808, 0.4060, 0.3188)
contains.

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Color

Yxy(23.0247, 0.4052, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	BB6E76
RGB	187, 110, 118
RGB Percent	73%, 43%, 46%
CMY	0.2667, 0.5686, 0.5372
CMYK	0.00, 0.41, 0.37, 0.27
HSL	354°, 36%, 58%
HSV	354°, 41%, 73%
XYZ	29.3384, 23.0247, 20.0416
YIQ	133.9350, 43.3240, 18.8120

Conversions

Conversions Part 2

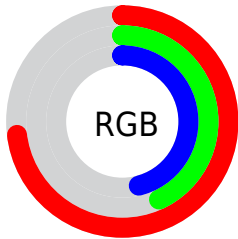
Format	Color
R_{YB}	187, 110, 118
Decimal	12283510
CIE Lab	55.10, 31.46, 8.81
CIE LCh	55, 32.667, 15.653
Yxy	23.0247, 0.4052, 0.3180
Android (android.graphics.Color)	4290473590 (0xFFBB6E76)
YUV	133.9350, -7.8560, 46.5380
Hunter-Lab	47.9841, 25.1663, 8.8250

Details

The Yxy color **23.0247, 0.4052, 0.3180** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **42.1063, 0.2618, 0.3409**, and the grayscale version is **23.8337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5091, 0.3845, 0.3216**, and **8.4992, 0.4413, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **19.0436, 0.4414, 0.3157**, and if you desaturate by 10%, it is **27.9302, 0.3750, 0.3207**.

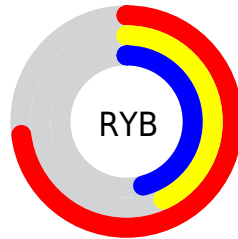
Distribution



Red (73%)

Green (43%)

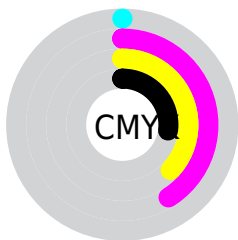
Blue (46%)



Red (73%)

Yellow (43%)

Blue (46%)

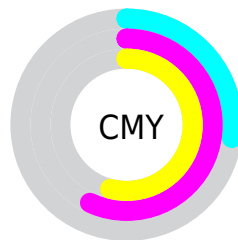


Cyan (0%)

Magenta (41%)

Yellow (37%)

Black (27%)



Cyan (27%)


Magenta (57%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0247, 0.4052, 0.3180 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 23.0247, 0.4052, 0.3180 by changing the saturation by 10% instead.


 23.0247, 0.4052,
0.3180


 23.0247, 0.4052,
0.3180

267.8518, 0.3531,
0.3253


 14.6117, 0.4205,
0.3153


 48.4339, 0.3847,
0.3212


 8.5474, 0.4416,
0.3113


 66.1989, 0.3775,
0.3222

 4.4471, 0.4727,
0.3046

 87.8501, 0.3716,
0.3230

 1.9267, 0.5224,
0.2920

 113.7718, 0.3667,
0.3237

 0.5644, 0.7118,
0.2882

144.3484, 0.3625,
0.3242

 0.0000, 1.0000,
0.0000

179.9644, 0.3589,


 0.0000, 0.0000,


0.3246


0.0000

221.0040, 0.3559,
0.3250


 23.0247, 0.4052,
0.3180


 23.0247, 0.4052,
0.3180


 19.0436, 0.4414,
0.3157


 27.9302, 0.3750,
0.3207

 15.9258, 0.4829,
0.3143

 33.8094, 0.3503,
0.3235


 13.6081, 0.5275,
0.3143


 40.7123, 0.3304,
0.3262

 12.0172, 0.5706,
0.3161

 48.6844, 0.3144,
0.3287


 11.0665, 0.6062,
0.3198


 57.7684, 0.3015,
0.3311

 10.6121, 0.6280,
0.3233

 68.0048, 0.2910,
0.3332

 79.4320, 0.2825,
0.3351

 89.1151, 0.2751,
0.3320

 89.3036, 0.2736,
0.3289

Harmonies

Analogous

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



23.0247, 0.3550, 0.2781



23.0247, 0.4052, 0.3180



23.0247, 0.4278, 0.3628

Triad

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



23.0247, 0.4052, 0.3180



23.0247, 0.3208, 0.4281



23.0247, 0.2168, 0.2472

Complementary

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



23.0247, 0.4052, 0.3180



42.1063, 0.2618, 0.3409

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.



23.0247, 0.2098, 0.2785



23.0247, 0.4052, 0.3180



23.0247, 0.2664, 0.3887

Square

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



23.0247, 0.4052, 0.3180



23.0247, 0.3756, 0.4314



23.0247, 0.2268, 0.3303



23.0247, 0.2467, 0.2384

Rectangle

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



23.0247, 0.4052, 0.3180



23.0247, 0.4234, 0.3915



23.0247, 0.2268, 0.3303



23.0247, 0.2119, 0.2551

Sweetspot

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



23.0258, 0.4052, 0.3180



71.5690, 0.3323, 0.3259



24.2074, 0.3074, 0.2261



15.3864, 0.3347, 0.3255



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.



23.0258, 0.4052, 0.3180



34.9981, 0.4360, 0.3160



30.3054, 0.3987, 0.3705



9.5521, 0.3272, 0.3266



7.3180, 0.6261, 0.3223



0.2921, 0.5820, 0.2980

Inverse Universe

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



23.0258, 0.4052, 0.3180



34.9981, 0.4360, 0.3160



31.1801, 0.2497, 0.2827



9.5521, 0.3272, 0.3266



7.3180, 0.6261, 0.3223



0.2921, 0.5820, 0.2980

Previews

White Background



This preview shows how the Yxy color 23.0247, 0.4052, 0.3180 looks on a white background.

Color Contrast Check

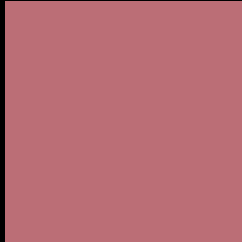
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0247, 0.4052, 0.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

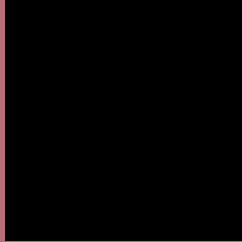
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.0247, 0.4052, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 23.0247, 0.4052, 0.3180.



This preview shows how white text looks on a background with the Yxy color 23.0247, 0.4052, 0.3180.

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

23.0247, 0.4052, 0.3180

Protanopia

23.2651, 0.3183, 0.3325

Deuteranopia

22.9959, 0.3560, 0.3491



Tritanopia

23.0247, 0.4052, 0.3180

Trichromacy



Original Color

23.0247, 0.4052, 0.3180

Protanomaly

22.7917, 0.3474, 0.3258

Deuteranomaly

22.8282, 0.3736, 0.3371

Tritanomaly

23.0247, 0.4052, 0.3180

Monochromacy



Original Color

23.0247, 0.4052, 0.3180

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.9980, 0.3435, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0247, 0.4052, 0.3180 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(187, 110, 118)  
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 110, 118) }
```

Border

The CSS property to change the border of an element to Yxy 23.0247, 0.4052, 0.3180 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, 118) }
```

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

```
.border{ border-color:rgb(187, 110, 118) }
```

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, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 110, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 110, 118);  
box-shadow:4px 4px 4px 4px rgb(187, 110,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0247, 0.4052, 0.3180 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, 118) }
```

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

```
.background{ background-color: rgb(187,  
110, 118) }
```

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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