

Converting Colors

$Y_{xy}(23.2380, 0.4014, 0.3179)$

Have a look what the booklet for
Yxy(23.2380, 0.4014, 0.3179)
contains.

Yxy(23.1399, 0.4021, 0.3179)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(23.1399, 0.4021, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	BA6F77
RGB	186, 111, 119
RGB Percent	73%, 44%, 47%
CMY	0.2705, 0.5647, 0.5333
CMYK	0.00, 0.40, 0.36, 0.27
HSL	354°, 35%, 58%
HSV	354°, 40%, 73%
XYZ	29.2688, 23.1399, 20.3812
YIQ	134.3370, 42.1320, 18.3880

Conversions

Conversions Part 2

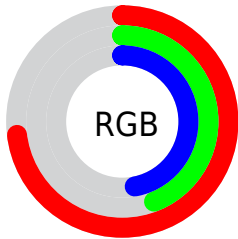
Format	Color
R_{YB}	186, 111, 119
Decimal	12218231
CIE _{Lab}	55.22, 30.68, 8.38
CIE _{LCh}	55, 31.802, 15.277
Yxy	23.1399, 0.4021, 0.3179
Android (android.graphics.Color)	4290408311 (0xFFBA6F77)
YUV	134.3370, -7.5611, 45.3085
Hunter-Lab	48.1039, 24.4263, 8.5522

Details

The Yxy color **23.1399, 0.4021, 0.3179** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.7208, 0.2628, 0.3410**, and the grayscale version is **23.9880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7243, 0.3823, 0.3215**, and **8.5382, 0.4364, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **19.1310, 0.4376, 0.3155**, and if you desaturate by 10%, it is **28.0661, 0.3725, 0.3207**.

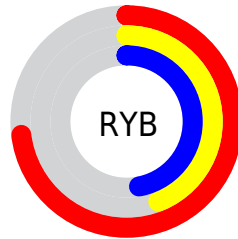
Distribution



Red (73%)

Green (44%)

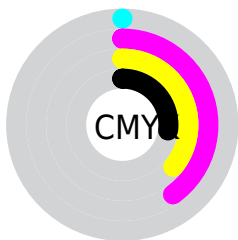
Blue (47%)



Red (73%)

Yellow (44%)

Blue (47%)

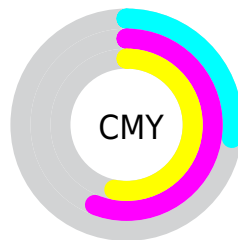


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (27%)



Cyan (27%)


Magenta (56%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1399, 0.4021, 0.3179 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 23.1399, 0.4021, 0.3179 by changing the saturation by 10% instead.


 23.1399, 0.4021,
0.3179


 23.1399, 0.4021,
0.3179


268.4427, 0.3518,
0.3252


 14.6968, 0.4168,
0.3153

 48.6229, 0.3823,
0.3211


 8.6069, 0.4373,
0.3114

 66.4317, 0.3754,
0.3221

 4.4857, 0.4673,
0.3049

 88.1312, 0.3697,
0.3229

 1.9488, 0.5153,
0.2928

 114.1057, 0.3649,
0.3235

 0.5775, 0.6906,
0.2879

144.7398, 0.3609,
0.3241

 0.0000, 1.0000,
0.0000

180.4177, 0.3574,

 0.0000, 0.0000,

0.3245

0.0000

221.5239, 0.3544,
0.3249

■ 23.1399, 0.4021,
0.3179

■ 23.1399, 0.4021,
0.3179

■ 19.1310, 0.4376,
0.3155

■ 28.0661, 0.3725,
0.3207

■ 15.9795, 0.4786,
0.3139

■ 33.9579, 0.3484,
0.3235

■ 13.6237, 0.5230,
0.3137


■ 40.8643, 0.3289,
0.3263


■ 11.9923, 0.5664,
0.3154

■ 48.8298, 0.3132,
0.3289

■ 11.0010, 0.6029,
0.3190


■ 57.8966, 0.3005,
0.3313

 10.4922, 0.6275,
0.3230

 68.1043, 0.2903,
0.3335

 79.4907, 0.2820,
0.3355

 88.9850, 0.2746,
0.3322

 89.1820, 0.2731,
0.3289

Harmonies

Analogous

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



23.1399, 0.3532, 0.2790



23.1399, 0.4021, 0.3179



23.1399, 0.4245, 0.3616

Triad

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



23.1399, 0.4021, 0.3179



23.1399, 0.3214, 0.4253



23.1399, 0.2190, 0.2496

Complementary

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



23.1399, 0.4021, 0.3179



41.7208, 0.2628, 0.3410

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.



23.1399, 0.2125, 0.2805



23.1399, 0.4021, 0.3179



23.1399, 0.2684, 0.3876

Square

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



23.1399, 0.4021, 0.3179



23.1399, 0.3747, 0.4284



23.1399, 0.2295, 0.3311



23.1399, 0.2479, 0.2406

Rectangle

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



23.1399, 0.4021, 0.3179



23.1399, 0.4206, 0.3896



23.1399, 0.2295, 0.3311



23.1399, 0.2142, 0.2574

Sweetspot

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



23.1410, 0.4021, 0.3179



71.5735, 0.3322, 0.3258



24.2917, 0.3075, 0.2282



15.3874, 0.3346, 0.3254



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.



23.1410, 0.4021, 0.3179



35.6823, 0.4318, 0.3158



30.2735, 0.3964, 0.3696



9.0274, 0.3271, 0.3266



7.0625, 0.6254, 0.3219



0.2542, 0.5776, 0.2956

Inverse Universe

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



23.1410, 0.4021, 0.3179



35.6823, 0.4318, 0.3158



31.1273, 0.2509, 0.2838



9.0274, 0.3271, 0.3266



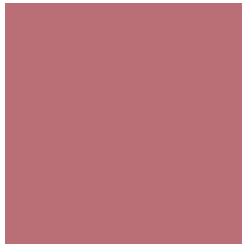
7.0625, 0.6254, 0.3219



0.2542, 0.5776, 0.2956

Previews

White Background



This preview shows how the Yxy color 23.1399, 0.4021, 0.3179 looks on a white background.

Color Contrast Check

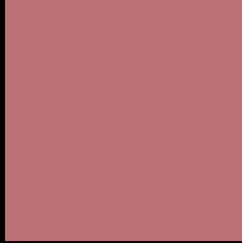
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1399, 0.4021, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

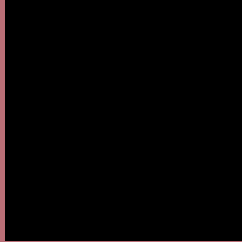
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1399, 0.4021, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 23.1399, 0.4021, 0.3179.



This preview shows how white text looks on a background with the Yxy color 23.1399, 0.4021, 0.3179.

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

23.1399, 0.4021, 0.3179

Protanopia

23.2651, 0.3183, 0.3325

Deuteranopia

23.2786, 0.3544, 0.3491



Tritanopia

23.1399, 0.4021, 0.3179

Trichromacy



Original Color

23.1399, 0.4021, 0.3179

Protanomaly

22.7917, 0.3474, 0.3258

Deuteranomaly

23.0959, 0.3719, 0.3371

Tritanomaly

23.1399, 0.4021, 0.3179

Monochromacy



Original Color

23.1399, 0.4021, 0.3179

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.2790, 0.3420, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1399, 0.4021, 0.3179 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(186, 111, 119)` looks like.

```
.text, #text, p{  
    color:rgb(186, 111, 119)  
}
```

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(186, 111, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 111, 119) }
```

Border

The CSS property to change the border of an element to Yxy 23.1399, 0.4021, 0.3179 is called "border". The border property can be set on classes, ids or directly on the HTML element.

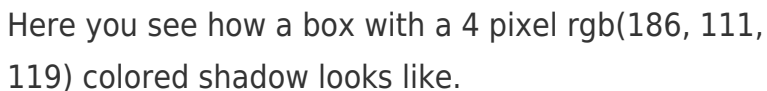
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 111, 119) }
```

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

```
.border{ border-color:rgb(186, 111, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 111, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 111, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 111, 119); box-shadow:4px 4px 4px 4px rgb(186, 111, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1399, 0.4021, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 111, 119) }
```

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

```
.background{ background-color: rgb(186,  
111, 119) }
```

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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