

Converting Colors

$Y_{xy}(23.2761, 0.4071, 0.3386)$

Have a look what the booklet for
Yxy(23.2761, 0.4071, 0.3386)
contains.

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Color

Yxy(23.1894, 0.4073, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	B5736D
RGB	181, 115, 109
RGB Percent	71%, 45%, 43%
CMY	0.2903, 0.5490, 0.5725
CMYK	0.00, 0.36, 0.40, 0.29
HSL	5°, 33%, 57%
HSV	5°, 40%, 71%
XYZ	27.9439, 23.1894, 17.4744
YIQ	134.0500, 41.2620, 12.1260

Conversions

Conversions Part 2

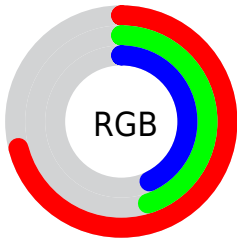
Format	Color
R_{YB}	181, 116, 109
Decimal	11891565
CIE _{Lab}	55.27, 25.29, 14.19
CIE _{LCh}	55, 28.994, 29.296
Yxy	23.1894, 0.4073, 0.3380
Android (android.graphics.Color)	4290081645 (0xFFB5736D)
YUV	134.0500, -12.3496, 41.1752
Hunter-Lab	48.1554, 19.3092, 12.1939

Details

The Yxy color **23.1894, 0.4073, 0.3380** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **37.2377, 0.2572, 0.3196**, and the grayscale version is **23.8955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8941, 0.3869, 0.3382**, and **8.6798, 0.4439, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **19.3905, 0.4445, 0.3401**, and if you desaturate by 10%, it is **27.7516, 0.3760, 0.3357**.

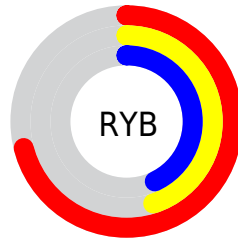
Distribution



Red (71%)

Green (45%)

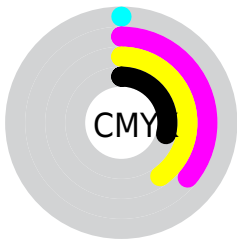
Blue (43%)



Red (71%)

Yellow (45%)

Blue (43%)

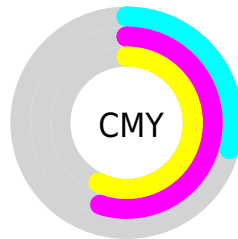


Cyan (0%)

Magenta (36%)

Yellow (40%)

Black (29%)



Cyan (29%)


Magenta (55%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.1894, 0.4073, 0.3380 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 23.1894, 0.4073, 0.3380 by changing the saturation by 10% instead.


 23.1894, 0.4073,
0.3380


 23.1894, 0.4073,
0.3380


268.6963, 0.3540,
0.3346


 14.7334, 0.4229,
0.3382


 48.7041, 0.3863,
0.3372


 8.6325, 0.4445,
0.3379


 66.5317, 0.3789,
0.3367

 4.5023, 0.4760,
0.3361


 88.2519, 0.3729,
0.3363

 1.9583, 0.5263,
0.3305

 114.2491, 0.3679,
0.3359

 0.5831, 0.6760,
0.3240

144.9078, 0.3636,
0.3355

 0.0000, 1.0000,
0.0000

180.6123, 0.3600,

 0.0000, 0.0000,

0.3352

0.0000

221.7470, 0.3568,
0.3349

■ 23.1894, 0.4073,
0.3380

■ 23.1894, 0.4073,
0.3380

■ 19.3905, 0.4445,
0.3401

■ 27.7516, 0.3760,
0.3357

■ 16.3101, 0.4869,
0.3415

■ 33.1120, 0.3503,
0.3333

■ 13.9038, 0.5321,
0.3419


■ 39.3075, 0.3294,
0.3311


■ 12.1209, 0.5754,
0.3408


■ 46.3717, 0.3124,
0.3290

■ 10.9036, 0.6104,
0.3381

■ 54.3363, 0.2985,
0.3270

 10.1776, 0.6332,
0.3351

 63.2315, 0.2873,
0.3253

 10.1656, 0.6336,
0.3351

 73.0860, 0.2780,
0.3237

 83.9272, 0.2703,
0.3223

 88.5612, 0.2706,
0.3289

Harmonies

Analogous

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



23.1894, 0.3725, 0.2990



23.1894, 0.4073, 0.3380



23.1894, 0.4137, 0.3779

Triad

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



23.1894, 0.4073, 0.3380



23.1894, 0.2975, 0.4035



23.1894, 0.2366, 0.2498

Complementary

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



23.1894, 0.4073, 0.3380



37.2377, 0.2572, 0.3196

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.



23.1894, 0.2206, 0.2692



23.1894, 0.4073, 0.3380



23.1894, 0.2535, 0.3590

Square

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



23.1894, 0.4073, 0.3380



23.1894, 0.3480, 0.4219



23.1894, 0.2263, 0.3081



23.1894, 0.2723, 0.2502

Rectangle

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



23.1894, 0.4073, 0.3380



23.1894, 0.4014, 0.4008



23.1894, 0.2263, 0.3081



23.1894, 0.2290, 0.2540

Sweetspot

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



23.1905, 0.4073, 0.3380



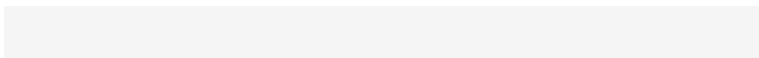
67.5732, 0.3341, 0.3316



23.8555, 0.3240, 0.2396



14.2915, 0.3366, 0.3319



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



23.1905, 0.4073, 0.3380



35.3354, 0.4406, 0.3399



33.0564, 0.3866, 0.3887



8.6154, 0.3285, 0.3310



7.0541, 0.6325, 0.3360



0.2593, 0.6039, 0.3587

Inverse Universe

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



37.2377, 0.2572, 0.3196



64.0743, 0.2472, 0.3171



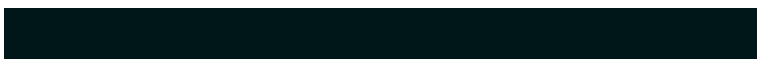
25.0520, 0.2482, 0.2604



9.5079, 0.2986, 0.3270



21.1255, 0.2175, 0.3031



0.7001, 0.2197, 0.3108

Previews

White Background



This preview shows how the Yxy color 23.1894, 0.4073, 0.3380 looks on a white background.

Color Contrast Check

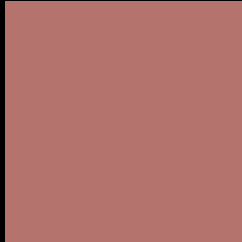
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1894, 0.4073, 0.3380 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 23.1894, 0.4073, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 23.1894, 0.4073, 0.3380.



This preview shows how white text looks on a background with the Yxy color 23.1894, 0.4073, 0.3380.

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

23.1894, 0.4073, 0.3380

Protanopia

23.2995, 0.3362, 0.3534

Deuteranopia

23.3699, 0.3689, 0.3638



Tritanopia

23.1605, 0.3920, 0.3162

Trichromacy



Original Color

23.1894, 0.4073, 0.3380

Protanomaly

23.0295, 0.3601, 0.3473

Deuteranomaly

23.1411, 0.3828, 0.3529

Tritanomaly

23.2641, 0.3983, 0.3249

Monochromacy



Original Color

23.1894, 0.4073, 0.3380

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.2387, 0.3441, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1894, 0.4073, 0.3380 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(181, 115, 109)` looks like.

```
.text, #text, p{  
    color:rgb(181, 115, 109)  
}
```

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(181, 115, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 115, 109) }
```

Border

The CSS property to change the border of an element to Yxy 23.1894, 0.4073, 0.3380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

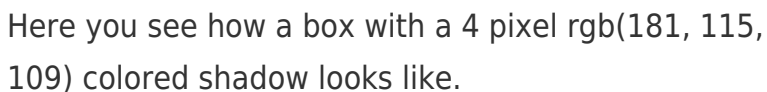
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 115, 109) }
```

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

```
.border{ border-color:rgb(181, 115, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 115, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 115, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 115, 109);  
box-shadow:4px 4px 4px 4px rgb(181, 115,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1894, 0.4073, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 115, 109) }
```

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

```
.background{ background-color: rgb(181,  
115, 109) }
```

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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