

Converting Colors

$Y_{xy}(23.3406, 0.3934, 0.3095)$

Have a look what the booklet for
Yxy(23.3406, 0.3934, 0.3095)
contains.

Yxy(23.2887, 0.3938, 0.3094)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.2887, 0.3938, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	BA6F7D
RGB	186, 111, 125
RGB Percent	73%, 44%, 49%
CMY	0.2705, 0.5648, 0.5097
CMYK	0.00, 0.40, 0.33, 0.27
HSL	349°, 35%, 58%
HSV	349°, 40%, 73%
XYZ	29.6415, 23.2887, 22.3403
YIQ	135.0210, 40.2060, 20.2540

Conversions

Conversions Part 2

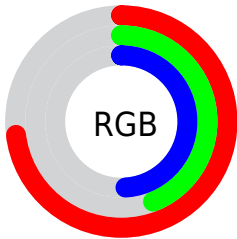
Format	Color
R_{YB}	186, 111, 125
Decimal	12218237
CIE _{Lab}	55.37, 31.45, 5.09
CIE _{LCh}	55, 31.857, 9.190
Yxy	23.2887, 0.3938, 0.3094
Android (android.graphics.Color)	4290408317 (0xFFBA6F7D)
YUV	135.0210, -4.9404, 44.7086
Hunter-Lab	48.2584, 25.1872, 6.3337

Details

The Yxy color **23.2887, 0.3938, 0.3094** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.4865, 0.2665, 0.3503**, and the grayscale version is **24.2448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.9984, 0.3755, 0.3139**, and **8.6846, 0.4270, 0.3007** is the 20% darker color. If you saturate the color by 10%, you get **19.2871, 0.4258, 0.3050**, and if you desaturate by 10%, it is **28.1967, 0.3671, 0.3144**.

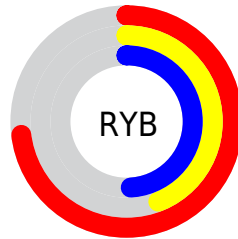
Distribution



Red (73%)

Green (44%)

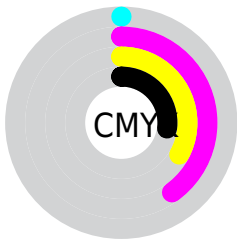
Blue (49%)



Red (73%)

Yellow (44%)

Blue (49%)

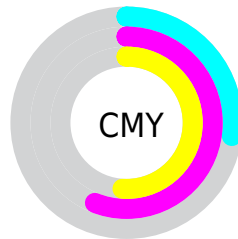


Cyan (0%)

Magenta (40%)

Yellow (33%)

Black (27%)



Cyan (27%)


Magenta (56%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2887, 0.3938, 0.3094 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 23.2887, 0.3938, 0.3094 by changing the saturation by 10% instead.


 23.2887, 0.3938,
0.3094


 23.2887, 0.3938,
0.3094

269.2044, 0.3484,
0.3210


 14.8068, 0.4071,
0.3058


 48.8669, 0.3759,
0.3141


 8.6839, 0.4255,
0.3005


 66.7321, 0.3697,
0.3157

 4.5356, 0.4525,
0.2925

 88.4938, 0.3645,
0.3170

 1.9775, 0.4959,
0.2786

 114.5364, 0.3602,
0.3181

 0.5943, 0.6182,
0.2562

145.2444, 0.3566,
0.3190

 0.0000, 1.0000,
0.0000

181.0021, 0.3534,

 0.0000, 0.0000,

0.3198

0.0000

222.1940, 0.3507,
0.3204

■ 23.2887, 0.3938,
0.3094

■ 23.2887, 0.3938,
0.3094

■ 19.2871, 0.4258,
0.3050

■ 28.1967, 0.3671,
0.3144

■ 16.1331, 0.4629,
0.3018

■ 34.0585, 0.3452,
0.3194

■ 13.7659, 0.5037,
0.3006


■ 40.9224, 0.3275,
0.3243

■ 12.1156, 0.5451,
0.3023

■ 48.8321, 0.3131,
0.3289


■ 11.0994, 0.5824,
0.3073


■ 57.8291, 0.3015,
0.3331

 10.5625, 0.6109,
0.3139

 67.9524, 0.2921,
0.3369

 79.2390, 0.2843,
0.3405

 88.6173, 0.2776,
0.3386

 89.1825, 0.2731,
0.3289

Harmonies

Analogous

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



23.2887, 0.3415, 0.2723



23.2887, 0.3938, 0.3094



23.2887, 0.4226, 0.3527

Triad

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



23.2887, 0.3938, 0.3094



23.2887, 0.3327, 0.4288



23.2887, 0.2158, 0.2541

Complementary

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



23.2887, 0.3938, 0.3094



41.4865, 0.2665, 0.3503

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.



23.2887, 0.2140, 0.2894



23.2887, 0.3938, 0.3094



23.2887, 0.2784, 0.3975

Square

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



23.2887, 0.3938, 0.3094



23.2887, 0.3842, 0.4249



23.2887, 0.2357, 0.3428



23.2887, 0.2404, 0.2408

Rectangle

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



23.2887, 0.3938, 0.3094



23.2887, 0.4233, 0.3814



23.2887, 0.2357, 0.3428



23.2887, 0.2126, 0.2635

Sweetspot

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



23.2898, 0.3938, 0.3094



71.6948, 0.3305, 0.3234



23.5727, 0.3006, 0.2260



15.4165, 0.3327, 0.3228



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.



23.2898, 0.3938, 0.3094



35.9645, 0.4205, 0.3056



28.5021, 0.4000, 0.3610



9.0389, 0.3259, 0.3247



7.1122, 0.6081, 0.3124



0.2591, 0.5404, 0.2751

Inverse Universe

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



23.2898, 0.3938, 0.3094



35.9645, 0.4205, 0.3056



33.3028, 0.2525, 0.2939



9.0389, 0.3259, 0.3247



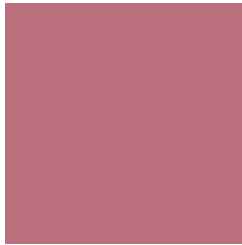
7.1122, 0.6081, 0.3124



0.2591, 0.5404, 0.2751

Previews

White Background



This preview shows how the Yxy color 23.2887, 0.3938, 0.3094 looks on a white background.

Color Contrast Check

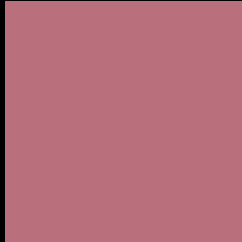
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2887, 0.3938, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

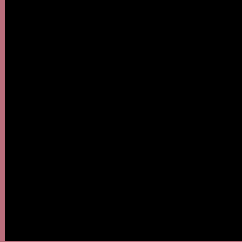
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.2887, 0.3938, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 23.2887, 0.3938, 0.3094.



This preview shows how white text looks on a background with the Yxy color 23.2887, 0.3938, 0.3094.

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

23.2887, 0.3938, 0.3094

Protanopia

23.3770, 0.3097, 0.3204

Deuteranopia

23.3275, 0.3461, 0.3391



Tritanopia

23.3835, 0.4002, 0.3179

Trichromacy



Original Color

23.2887, 0.3938, 0.3094

Protanomaly

22.8811, 0.3377, 0.3144

Deuteranomaly

23.1357, 0.3630, 0.3276

Tritanomaly

23.4326, 0.3974, 0.3151

Monochromacy



Original Color

23.2887, 0.3938, 0.3094

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.4304, 0.3409, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2887, 0.3938, 0.3094 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(186, 111, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 111, 125) }
```

Border

The CSS property to change the border of an element to Yxy 23.2887, 0.3938, 0.3094 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, 125) }
```

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

```
.border{ border-color:rgb(186, 111, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 111, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 111, 125);  
box-shadow:4px 4px 4px 4px rgb(186, 111,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2887, 0.3938, 0.3094 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, 125) }
```

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

```
.background{ background-color: rgb(186,  
111, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor