

Converting Colors

$Yxy(39.2998, 0.3023, 0.2806)$

Have a look what the booklet for
Yxy(39.2998, 0.3023, 0.2806)
contains.

| | |
|--|----|
| Yxy(39.3632, 0.3030, 0.2812) | 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(39.3632, 0.3030, 0.2812)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B8A0C5 |
| RGB | 184, 160, 197 |
| RGB Percent | 72%, 63%, 77% |
| CMY | 0.2785, 0.3725, 0.2273 |
| CMYK | 0.07, 0.19, 0.00, 0.23 |
| HSL | 279°, 24%, 70% |
| HSV | 279°, 19%, 77% |
| XYZ | 42.4148, 39.3632, 58.2049 |
| YIQ | 171.3940, 2.4270, 16.5950 |

Conversions

Conversions Part 2

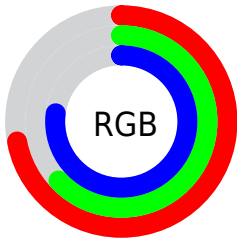
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 184, 160, 197 |
| Decimal | 12099781 |
| CIELab | 69.01, 15.65, -15.74 |
| CIELCh | 69, 22.197, 314.833 |
| Yxy | 39.3632, 0.3030, 0.2812 |
| Android (android.graphics.Color) | 4290289861 (0xFFB8A0C5) |
| YUV | 171.3940, 12.6238, 11.0555 |
| Hunter-Lab | 62.7401, 10.8780, -11.0861 |

Details

The Yxy color **39.3632, 0.3030, 0.2812** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.3773, 0.3208, 0.3783**, and the grayscale version is **40.8678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2819, 0.3047, 0.2897**, and **17.5336, 0.3002, 0.2675** is the 20% darker color. If you saturate the color by 10%, you get **32.2289, 0.2965, 0.2539**, and if you desaturate by 10%, it is **47.6256, 0.3086, 0.3074**.

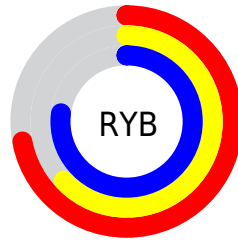
Distribution



Red (72%)

Green (63%)

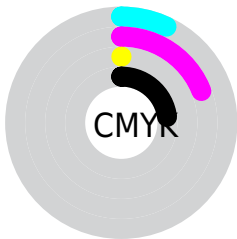
Blue (77%)



Red (72%)

Yellow (63%)

Blue (77%)

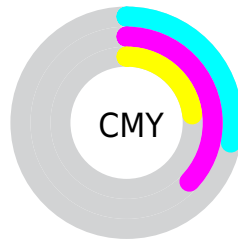


Cyan (7%)

Magenta (19%)

Yellow (0%)

Black (23%)



Cyan (28%)

Magenta (37%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3632, 0.3030, 0.2812 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 39.3632, 0.3030, 0.2812 by changing the saturation by 10% instead.


 39.3632, 0.3030,
0.2812


 39.3632, 0.3030,
0.2812

343.4322, 0.3083,
0.3050

 27.0424, 0.3016,
0.2753


 74.1928, 0.3050,
0.2898

 17.6051, 0.2996,
0.2678


 97.4705, 0.3057,
0.2930

 10.6668, 0.2970,
0.2579


125.1691, 0.3063,
0.2958

 5.8433, 0.2930,
0.2442

157.6733, 0.3068,
0.2981

 2.7500, 0.2865,
0.2242

195.3672, 0.3073,
0.3002

 1.0027, 0.2747,
0.1924

238.6355, 0.3077,

 0.0000, 0.2208,

0.3020

0.0000

287.8623, 0.3080,
0.3036

0.0000, 0.0000,
0.0000

39.3632, 0.3030,
0.2812

39.3632, 0.3030,
0.2812

32.2289, 0.2965,
0.2539

47.6256, 0.3086,
0.3074

26.1662, 0.2891,
0.2260

57.0592, 0.3132,
0.3319

21.1213, 0.2808,
0.1986

67.7110, 0.3171,
0.3545

17.0334, 0.2718,
0.1729

79.6237, 0.3203,
0.3752

13.8353, 0.2624,
0.1499

90.5686, 0.3233,
0.3905

■ 11.4506, 0.2528,
0.1309

■ 91.6669, 0.3278,
0.3897

■ 9.7896, 0.2435,
0.1167

■ 92.8107, 0.3323,
0.3888

■ 8.7047, 0.2346,
0.1071

■ 94.0005, 0.3369,
0.3879

■ 8.5879, 0.2335,
0.1060

■ 95.2368, 0.3415,
0.3870

Harmonies

Analogous

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



39.3632, 0.2738, 0.2750



39.3632, 0.3030, 0.2812



39.3632, 0.3364, 0.2985

Triad

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



39.3632, 0.3030, 0.2812



39.3632, 0.3726, 0.3740



39.3632, 0.2632, 0.3318

Complementary

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



39.3632, 0.3030, 0.2812



51.3773, 0.3208, 0.3783

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.



39.3632, 0.2877, 0.3626



39.3632, 0.3030, 0.2812



39.3632, 0.3510, 0.3870

Square

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



39.3632, 0.3030, 0.2812



39.3632, 0.3778, 0.3504



39.3632, 0.3197, 0.3834



39.3632, 0.2518, 0.3022

Rectangle

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



39.3632, 0.3030, 0.2812



39.3632, 0.3562, 0.3144



39.3632, 0.3197, 0.3834



39.3632, 0.2701, 0.3425

Sweetspot

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



39.3649, 0.3030, 0.2812



89.6148, 0.3099, 0.3141



41.6188, 0.2830, 0.2972



18.9495, 0.3096, 0.3125



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



39.3649, 0.3030, 0.2812



64.4046, 0.3002, 0.2688



40.8293, 0.3192, 0.2888



10.6223, 0.3083, 0.3058



5.6947, 0.2346, 0.1066



0.3090, 0.2529, 0.1167

Inverse Universe

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



40.0388, 0.3366, 0.3123



65.9092, 0.3439, 0.3080



50.1365, 0.3068, 0.3728



10.6977, 0.3235, 0.3209



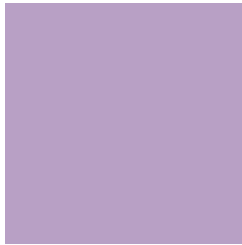
8.1085, 0.5544, 0.2828



0.3977, 0.4960, 0.2506

Previews

White Background



This preview shows how the Yxy color 39.3632, 0.3030, 0.2812 looks on a white background.

Color Contrast Check

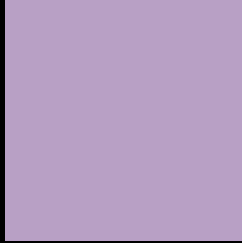
Large Text (above 18pt) WCAG AA × Fail

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 39.3632, 0.3030, 0.2812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

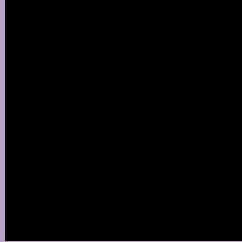
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3632, 0.3030, 0.2812

Background



This preview shows how black text looks on a background with the Yxy color 39.3632, 0.3030, 0.2812.



This preview shows how white text looks on a background with the Yxy color 39.3632, 0.3030, 0.2812.

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

39.3632, 0.3030, 0.2812

Protanopia

39.4788, 0.2797, 0.2818

Deuteranopia

39.3071, 0.2933, 0.2864



Tritanopia

39.5093, 0.3181, 0.3129

Trichromacy



Original Color

39.3632, 0.3030, 0.2812

Protanomaly

39.1561, 0.2876, 0.2811

Deuteranomaly

39.4100, 0.2967, 0.2855

Tritanomaly

39.6002, 0.3122, 0.3012

Monochromacy



Original Color

39.3632, 0.3030, 0.2812

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.1628, 0.3099, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3632, 0.3030, 0.2812 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(184, 160, 197)` looks like.

```
.text, #text, p{  
    color:rgb(184, 160, 197)  
}
```

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(184, 160, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 160, 197) }
```

Border

The CSS property to change the border of an element to Yxy 39.3632, 0.3030, 0.2812 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(184, 160, 197) }
```

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

```
.border{ border-color:rgb(184, 160, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 160, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 160, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 160, 197);  
box-shadow:4px 4px 4px 4px rgb(184, 160,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3632, 0.3030, 0.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 160, 197) }
```

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

```
.background{ background-color: rgb(184,  
160, 197) }
```

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