

Converting Colors

$Y_{xy}(10.3865, 0.3803, 0.2298)$

Have a look what the booklet for
Yxy(10.3865, 0.3803, 0.2298)
contains.

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Color

Yxy(10.3865, 0.3803, 0.2298)

Conversions

Conversions Part 1

Format	Color
Hex	973574
RGB	151, 53, 116
RGB Percent	59%, 21%, 45%
CMY	0.4078, 0.7922, 0.5451
CMYK	0.00, 0.65, 0.23, 0.41
HSL	321°, 48%, 40%
HSV	321°, 65%, 59%
XYZ	17.1888, 10.3865, 17.6227
YIQ	89.4840, 38.1850, 40.3690

Conversions

Conversions Part 2

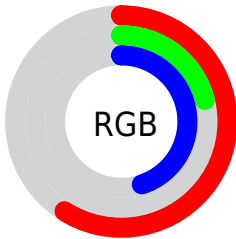
Format	Color
R_{YB}	151, 53, 116
Decimal	9909620
CIE _{Lab}	38.53, 47.72, -14.98
CIE _{LCh}	39, 50.017, 342.571
Yxy	10.3865, 0.3803, 0.2298
Android (android.graphics.Color)	4288099700 (0xFF973574)
YUV	89.4840, 13.0724, 53.9495
Hunter-Lab	32.2281, 38.8035, -9.8608

Details

The Yxy color **10.3865, 0.3803, 0.2298** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **23.5964, 0.2807, 0.4633**, and the grayscale version is **10.0673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.5451, 0.3644, 0.2530**, and **2.9587, 0.4075, 0.2019** is the 20% darker color. If you saturate the color by 10%, you get **9.0987, 0.3954, 0.2207**, and if you desaturate by 10%, it is **12.1164, 0.3661, 0.2422**.

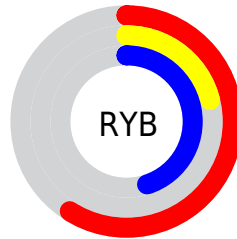
Distribution



Red (59%)

Green (21%)

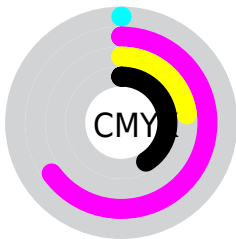
Blue (45%)



Red (59%)

Yellow (21%)

Blue (45%)

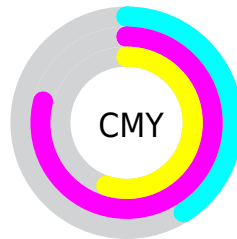


Cyan (0%)

Magenta (65%)

Yellow (23%)

Black (41%)



Cyan (41%)


Magenta (79%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.3865, 0.3803, 0.2298 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 10.3865, 0.3803, 0.2298 by changing the saturation by 10% instead.


 10.3865, 0.3803,
0.2298

 10.3865, 0.3803,
0.2298


193.4088, 0.3405,
0.2871


 5.6560, 0.3929,
0.2124


 26.5200, 0.3640,
0.2528


 2.6370, 0.4112,
0.1878

 38.6917, 0.3585,
0.2607


 0.9453, 0.4396,
0.1513

 54.1126, 0.3541,
0.2672

 0.0000, 0.5401,
0.0000

 73.1671, 0.3504,
0.2725

 0.0000, 0.0000,
0.0000

 96.2396, 0.3473,
0.2770

 123.7144, 0.3447,

0.2809

155.9760, 0.3424,
0.2842

■ 10.3865, 0.3803,
0.2298

■ 10.3865, 0.3803,
0.2298

■ 9.0987, 0.3954,
0.2207

■ 12.1164, 0.3661,
0.2422

■ 8.2090, 0.4110,
0.2159

■ 14.3239, 0.3532,
0.2569

■ 7.6636, 0.4265,
0.2159

■ 17.0426, 0.3417,
0.2729

■ 7.4443, 0.4345,
0.2167

■ 20.3026, 0.3317,
0.2894

■ 24.1318, 0.3231,
0.3058

■ 28.5558, 0.3159,
0.3215

■ 33.5991, 0.3097,
0.3365

■ 39.2845, 0.3046,
0.3505

■ 45.6338, 0.3003,
0.3635

Harmonies

Analogous

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



10.3865, 0.2655, 0.1866



10.3865, 0.3803, 0.2298



10.3865, 0.4886, 0.2918

Triad

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



10.3865, 0.3803, 0.2298



10.3865, 0.4238, 0.5140



10.3865, 0.1323, 0.2321

Complementary

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



10.3865, 0.3803, 0.2298



23.5964, 0.2807, 0.4633

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.



10.3865, 0.1583, 0.3350



10.3865, 0.3803, 0.2298



10.3865, 0.3238, 0.5431

Square

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



10.3865, 0.3803, 0.2298



10.3865, 0.5031, 0.4397



10.3865, 0.2261, 0.4699



10.3865, 0.1415, 0.1815

Rectangle

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



10.3865, 0.3803, 0.2298



10.3865, 0.5276, 0.3384



10.3865, 0.2261, 0.4699



10.3865, 0.1367, 0.2602

Sweetspot

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



10.3870, 0.3803, 0.2298



40.0140, 0.3268, 0.2985



6.8215, 0.2270, 0.1431



8.6869, 0.3291, 0.2942



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



10.3870, 0.3803, 0.2298



15.4674, 0.4027, 0.2179



9.5397, 0.4849, 0.3070



6.2862, 0.3189, 0.3148



6.3381, 0.4336, 0.2162



0.1016, 0.3748, 0.1838

Inverse Universe

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



10.3870, 0.3803, 0.2298



15.4674, 0.4027, 0.2179



24.6780, 0.2466, 0.3579



6.2862, 0.3189, 0.3148



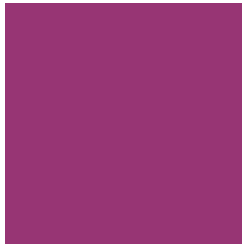
6.3381, 0.4336, 0.2162



0.1016, 0.3748, 0.1838

Previews

White Background



This preview shows how the Yxy color 10.3865, 0.3803, 0.2298 looks on a white 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

Black Background



This preview shows how the Yxy color 10.3865, 0.3803, 0.2298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

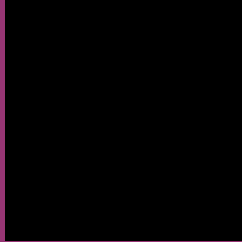
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 10.3865, 0.3803, 0.2298

Background



This preview shows how black text looks on a background with the Yxy color 10.3865, 0.3803, 0.2298.



This preview shows how white text looks on a background with the Yxy color 10.3865, 0.3803, 0.2298.

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

10.3865, 0.3803, 0.2298

Protanopia

10.7037, 0.2276, 0.2144

Deuteranopia

10.6842, 0.2849, 0.2808



Tritanopia

10.4133, 0.4649, 0.3228

Trichromacy



Original Color

10.3865, 0.3803, 0.2298

Protanomaly

9.7957, 0.2684, 0.2133

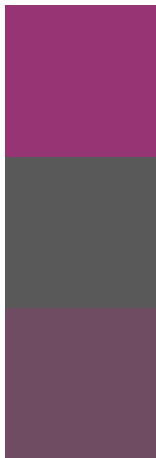
Deuteranomaly

10.0107, 0.3162, 0.2544

Tritanomaly

10.3053, 0.4342, 0.2875

Monochromacy



Original Color

10.3865, 0.3803, 0.2298

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.5145, 0.3381, 0.2793

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3865, 0.3803, 0.2298 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(151, 53, 116)` looks like.

```
.text, #text, p{  
    color:rgb(151, 53, 116)  
}
```

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(151, 53, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 53, 116) }
```

Border

The CSS property to change the border of an element to Yxy 10.3865, 0.3803, 0.2298 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(151, 53, 116) }
```

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

```
.border{ border-color:rgb(151, 53, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 53, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 53, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 53, 116);  
box-shadow:4px 4px 4px 4px rgb(151, 53,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 10.3865, 0.3803, 0.2298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 53, 116) }
```

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

```
.background{ background-color: rgb(151, 53,  
116) }
```

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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