

Converting Colors

$Y_{xy}(12.9318, 0.3949, 0.2859)$

Have a look what the booklet for
Yxy(12.9318, 0.3949, 0.2859)
contains.

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Color

Yxy(13.0074, 0.3956, 0.2869)

Conversions

Conversions Part 1

Format	Color
Hex	974E67
RGB	151, 78, 103
RGB Percent	59%, 31%, 40%
CMY	0.4078, 0.6941, 0.5961
CMYK	0.00, 0.48, 0.32, 0.41
HSL	339°, 32%, 45%
HSV	339°, 48%, 59%
XYZ	17.9356, 13.0074, 14.3947
YIQ	102.6770, 35.4830, 23.2510

Conversions

Conversions Part 2

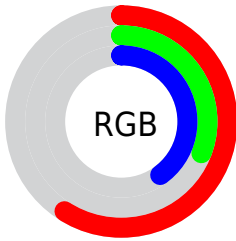
Format	Color
R_{YB}	151, 78, 103
Decimal	9916007
CIE _{Lab}	42.77, 33.45, -0.55
CIE _{LCh}	43, 33.456, 359.058
Yxy	13.0074, 0.3956, 0.2869
Android (android.graphics.Color)	4288106087 (0xFF974E67)
YUV	102.6770, 0.1592, 42.3793
Hunter-Lab	36.0658, 25.6535, 1.5819

Details

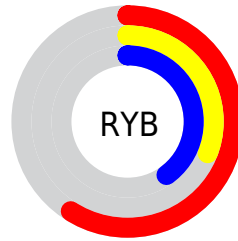
The Yxy color **13.0074, 0.3956, 0.2869** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **25.2620, 0.2687, 0.3775**, and the grayscale version is **13.4667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.2990, 0.3745, 0.2974**, and **3.7056, 0.4368, 0.2661** is the 20% darker color. If you saturate the color by 10%, you get **10.9154, 0.4231, 0.2796**, and if you desaturate by 10%, it is **15.6171, 0.3720, 0.2955**.

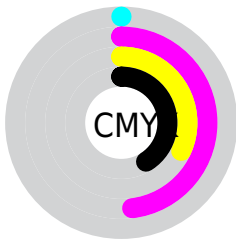
Distribution



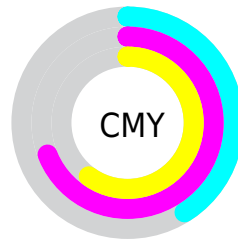
- Red (59%)
- Green (31%)
- Blue (40%)



- Red (59%)
- Yellow (31%)
- Blue (40%)



- Cyan (0%)
- Magenta (48%)
- Yellow (32%)
- Black (41%)




- Cyan (41%)
- Magenta (69%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.0074, 0.3956, 0.2869 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 13.0074, 0.3956, 0.2869 by changing the saturation by 10% instead.


 13.0074, 0.3956,
0.2869


 13.0074, 0.3956,
0.2869


210.9651, 0.3457,
0.3122


 7.4336, 0.4122,
0.2785


 31.3171, 0.3748,
0.2974


 3.7347, 0.4371,
0.2660

 44.8218, 0.3678,
0.3010


 1.5263, 0.4779,
0.2456

 61.7389, 0.3623,
0.3038

 0.3071, 0.6259,
0.1690

 82.4529, 0.3577,
0.3061

 0.0000, 1.0000,
0.0000

 107.3481, 0.3539,
0.3080

 0.0000, 0.0000,
0.0000

136.8090, 0.3508,

0.3096

171.2198, 0.3480,
0.3110

■ 13.0074, 0.3956,
0.2869

■ 13.0074, 0.3956,
0.2869

■ 10.9154, 0.4231,
0.2796

■ 15.6171, 0.3720,
0.2955

■ 9.3041, 0.4540,
0.2746

■ 18.7744, 0.3522,
0.3045

■ 8.1347, 0.4871,
0.2731


■ 22.5089, 0.3357,
0.3135

■ 7.3615, 0.5204,
0.2760

■ 26.8478, 0.3222,
0.3222

■ 6.8943, 0.5516,
0.2829


■ 31.8164, 0.3110,
0.3303

 6.8251, 0.5568,
0.2841

 37.4388, 0.3019,
0.3379

 43.7374, 0.2944,
0.3448

 50.7339, 0.2882,
0.3512

 58.4489, 0.2831,
0.3570

Harmonies

Analogous

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



13.0074, 0.3235, 0.2467



13.0074, 0.3956, 0.2869



13.0074, 0.4451, 0.3374

Triad

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



13.0074, 0.3956, 0.2869



13.0074, 0.3588, 0.4606



13.0074, 0.1891, 0.2457

Complementary

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



13.0074, 0.3956, 0.2869



25.2620, 0.2687, 0.3775

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.



13.0074, 0.1958, 0.2977



13.0074, 0.3956, 0.2869



13.0074, 0.2899, 0.4375

Square

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



13.0074, 0.3956, 0.2869



13.0074, 0.4189, 0.4378



13.0074, 0.2308, 0.3714



13.0074, 0.2095, 0.2219

Rectangle

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



13.0074, 0.3956, 0.2869



13.0074, 0.4550, 0.3732



13.0074, 0.2308, 0.3714



13.0074, 0.1883, 0.2599

Sweetspot

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



13.0080, 0.3956, 0.2869



42.5561, 0.3313, 0.3162



12.0779, 0.2823, 0.2025



9.3441, 0.3341, 0.3145



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.



13.0080, 0.3956, 0.2869



19.2795, 0.4255, 0.2791



14.2669, 0.4319, 0.3479



6.2558, 0.3233, 0.3214



5.8106, 0.5551, 0.2832



0.0932, 0.4509, 0.2258

Inverse Universe

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



13.0080, 0.3956, 0.2869



19.2795, 0.4255, 0.2791



22.6269, 0.2467, 0.3081



6.2558, 0.3233, 0.3214



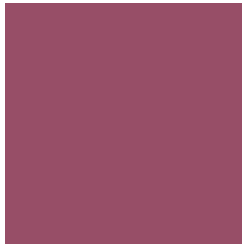
5.8106, 0.5551, 0.2832



0.0932, 0.4509, 0.2258

Previews

White Background



This preview shows how the Yxy color 13.0074, 0.3956, 0.2869 looks on a white background.

Color Contrast Check

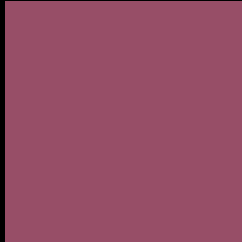
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.0074, 0.3956, 0.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

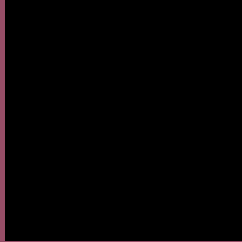
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.0074, 0.3956, 0.2869

Background



This preview shows how black text looks on a background with the Yxy color 13.0074, 0.3956, 0.2869.

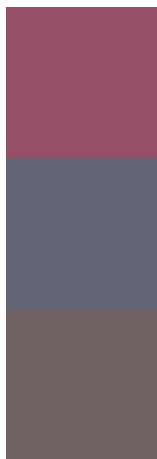


This preview shows how white text looks on a background with the Yxy color 13.0074, 0.3956, 0.2869.

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

13.0074, 0.3956, 0.2869

Protanopia

13.2444, 0.2894, 0.2946

Deuteranopia

13.1002, 0.3310, 0.3248



Tritanopia

13.0570, 0.4213, 0.3190

Trichromacy



Original Color

13.0074, 0.3956, 0.2869

Protanomaly

12.8501, 0.3236, 0.2906

Deuteranomaly

12.8574, 0.3535, 0.3093

Tritanomaly

13.0117, 0.4111, 0.3070

Monochromacy



Original Color

13.0074, 0.3956, 0.2869

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

12.9777, 0.3399, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.0074, 0.3956, 0.2869 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, 78, 103)` looks like.

```
.text, #text, p{  
    color:rgb(151, 78, 103)  
}
```

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, 78, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 78, 103) }
```

Border

The CSS property to change the border of an element to Yxy 13.0074, 0.3956, 0.2869 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, 78, 103) }
```

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

```
.border{ border-color:rgb(151, 78, 103) }
```

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

Here you see how a box with a 4 pixel rgb(151, 78, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 78, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 78, 103);  
box-shadow:4px 4px 4px 4px rgb(151, 78,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 13.0074, 0.3956, 0.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 78, 103) }
```

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

```
.background{ background-color: rgb(151, 78,  
103) }
```

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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