

Converting Colors

$Y_{xy}(13.0869, 0.3846, 0.2779)$

Have a look what the booklet for
Yxy(13.0869, 0.3846, 0.2779)
contains.

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Color

Yxy(13.0155, 0.3850, 0.2783)

Conversions

Conversions Part 1

Format	Color
Hex	964E6C
RGB	150, 78, 108
RGB Percent	59%, 31%, 42%
CMY	0.4118, 0.6940, 0.5765
CMYK	0.00, 0.48, 0.28, 0.41
HSL	335°, 32%, 45%
HSV	335°, 48%, 59%
XYZ	18.0056, 13.0155, 15.7467
YIQ	102.9480, 33.2820, 24.5940

Conversions

Conversions Part 2

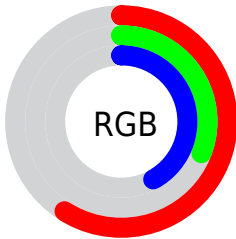
Format	Color
R_{YB}	150, 78, 108
Decimal	9850476
CIE Lab	42.79, 33.77, -3.62
CIE LCh	43, 33.965, 353.875
Yxy	13.0155, 0.3850, 0.2783
Android (android.graphics.Color)	4288040556 (0xFF964E6C)
YUV	102.9480, 2.4906, 41.2646
Hunter-Lab	36.0770, 25.9526, -0.6248

Details

The Yxy color **13.0155, 0.3850, 0.2783** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **24.7836, 0.2731, 0.3881**, and the grayscale version is **13.5367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.3255, 0.3675, 0.2910**, and **3.7570, 0.4202, 0.2542** is the 20% darker color. If you saturate the color by 10%, you get **10.9449, 0.4087, 0.2692**, and if you desaturate by 10%, it is **15.5922, 0.3646, 0.2887**.

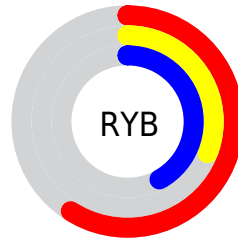
Distribution



Red (59%)

Green (31%)

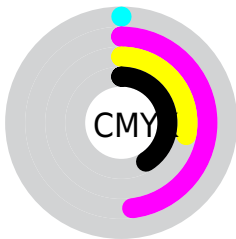
Blue (42%)



Red (59%)

Yellow (31%)

Blue (42%)

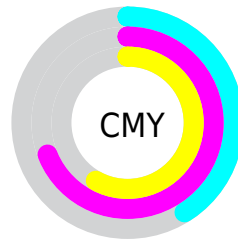


Cyan (0%)

Magenta (48%)

Yellow (28%)

Black (41%)



Cyan (41%)


Magenta (69%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.0155, 0.3850, 0.2783 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 13.0155, 0.3850, 0.2783 by changing the saturation by 10% instead.


 13.0155, 0.3850,
0.2783


 13.0155, 0.3850,
0.2783


211.0170, 0.3417,
0.3082


 7.4392, 0.3993,
0.2687


 31.3316, 0.3670,
0.2906


 3.7383, 0.4204,
0.2547

 44.8403, 0.3610,
0.2947

 1.5283, 0.4549,
0.2324

 61.7618, 0.3562,
0.2981

 0.3085, 0.5613,
0.1507

 82.4807, 0.3523,
0.3008

 0.0000, 1.0000,
0.0000

 107.3812, 0.3490,
0.3031

 0.0000, 0.0000,
0.0000

136.8478, 0.3462,

0.3051

171.2650, 0.3438,
0.3068

■ 13.0155, 0.3850,
0.2783

■ 13.0155, 0.3850,
0.2783

■ 10.9449, 0.4087,
0.2692

■ 15.5922, 0.3646,
0.2887

■ 9.3444, 0.4352,
0.2624

■ 18.7038, 0.3472,
0.2997

■ 8.1764, 0.4638,
0.2592


■ 22.3795, 0.3328,
0.3106


■ 7.3964, 0.4931,
0.2606

■ 26.6455, 0.3208,
0.3211

■ 6.9207, 0.5214,
0.2665

■ 31.5266, 0.3109,
0.3309

 6.8351, 0.5272,
0.2678

 37.0459, 0.3027,
0.3401

 43.2257, 0.2959,
0.3486

 50.0867, 0.2904,
0.3564

 57.6492, 0.2857,
0.3635

Harmonies

Analogous

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



13.0155, 0.3107, 0.2402



13.0155, 0.3850, 0.2783



13.0155, 0.4412, 0.3281

Triad

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



13.0155, 0.3850, 0.2783



13.0155, 0.3710, 0.4614



13.0155, 0.1867, 0.2515

Complementary

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



13.0155, 0.3850, 0.2783



24.7836, 0.2731, 0.3881

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.



13.0155, 0.1984, 0.3090



13.0155, 0.3850, 0.2783



13.0155, 0.3013, 0.4471

Square

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



13.0155, 0.3850, 0.2783



13.0155, 0.4285, 0.4320



13.0155, 0.2385, 0.3854



13.0155, 0.2027, 0.2227

Rectangle

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



13.0155, 0.3850, 0.2783



13.0155, 0.4564, 0.3641



13.0155, 0.2385, 0.3854



13.0155, 0.1875, 0.2675

Sweetspot

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



13.0161, 0.3850, 0.2783



42.1718, 0.3281, 0.3145



11.6457, 0.2760, 0.2012



9.0288, 0.3305, 0.3124



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



13.0161, 0.3850, 0.2783



18.9507, 0.4116, 0.2682



13.3757, 0.4347, 0.3396



5.8531, 0.3221, 0.3198



5.6766, 0.5254, 0.2668



0.0751, 0.4257, 0.2119

Inverse Universe

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



13.0161, 0.3850, 0.2783



18.9507, 0.4116, 0.2682



23.7637, 0.2488, 0.3176



5.8531, 0.3221, 0.3198



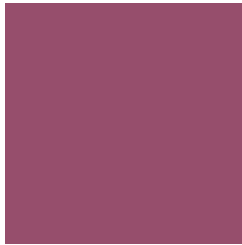
5.6766, 0.5254, 0.2668



0.0751, 0.4257, 0.2119

Previews

White Background



This preview shows how the Yxy color 13.0155, 0.3850, 0.2783 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 13.0155, 0.3850, 0.2783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

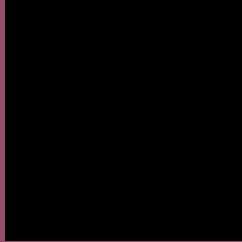
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 13.0155, 0.3850, 0.2783

Background



This preview shows how black text looks on a background with the Yxy color 13.0155, 0.3850, 0.2783.



This preview shows how white text looks on a background with the Yxy color 13.0155, 0.3850, 0.2783.

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

13.0155, 0.3850, 0.2783

Protanopia

13.2539, 0.2809, 0.2842

Deuteranopia

13.0703, 0.3208, 0.3142



Tritanopia

13.0351, 0.4156, 0.3189

Trichromacy



Original Color

13.0155, 0.3850, 0.2783

Protanomaly

12.8261, 0.3135, 0.2806

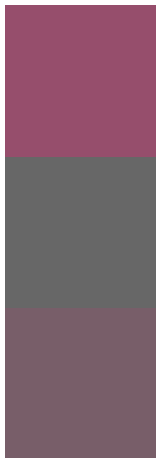
Deuteranomaly

12.8828, 0.3440, 0.2994

Tritanomaly

13.1006, 0.4053, 0.3051

Monochromacy



Original Color

13.0155, 0.3850, 0.2783

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.0184, 0.3369, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.0155, 0.3850, 0.2783 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(150, 78, 108)` looks like.

```
.text, #text, p{  
    color:rgb(150, 78, 108)  
}
```

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(150, 78, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 78, 108) }
```

Border

The CSS property to change the border of an element to Yxy 13.0155, 0.3850, 0.2783 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(150, 78, 108) }
```

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

```
.border{ border-color:rgb(150, 78, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 78, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 78, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 78, 108);  
box-shadow:4px 4px 4px 4px rgb(150, 78,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 13.0155, 0.3850, 0.2783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 78, 108) }
```

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

```
.background{ background-color: rgb(150, 78,  
108) }
```

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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