

Converting Colors

$Y_{xy}(11.9716, 0.3810, 0.2843)$

Have a look what the booklet for
Yxy(11.9716, 0.3810, 0.2843)
contains.

Yxy(11.9298, 0.3819, 0.2841)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.9298, 0.3819, 0.2841)

Conversions

Conversions Part 1

Format	Color
Hex	8D4D66
RGB	141, 77, 102
RGB Percent	55%, 30%, 40%
CMY	0.4470, 0.6980, 0.6000
CMYK	0.00, 0.45, 0.28, 0.45
HSL	337°, 29%, 43%
HSV	337°, 45%, 55%
XYZ	16.0366, 11.9298, 14.0252
YIQ	98.9860, 30.1190, 21.3430

Conversions

Conversions Part 2

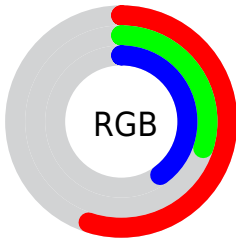
Format	Color
R_{YB}	141, 77, 102
Decimal	9260390
CIE _{Lab}	41.10, 30.15, -2.55
CIE _{LCh}	41, 30.256, 355.165
Yxy	11.9298, 0.3819, 0.2841
Android (android.graphics.Color)	4287450470 (0xFF8D4D66)
YUV	98.9860, 1.4859, 36.8463
Hunter-Lab	34.5395, 22.4326, 0.1023

Details

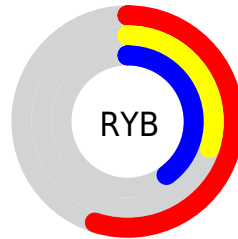
The Yxy color **11.9298, 0.3819, 0.2841** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.8898, 0.2735, 0.3803**, and the grayscale version is **12.4645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.2144, 0.3640, 0.2945**, and **3.2784, 0.4200, 0.2623** is the 20% darker color. If you saturate the color by 10%, you get **10.0046, 0.4057, 0.2752**, and if you desaturate by 10%, it is **14.3015, 0.3615, 0.2941**.

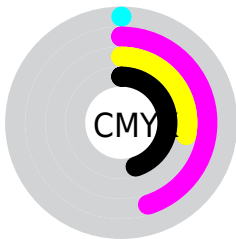
Distribution



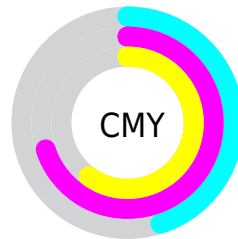
- Red (55%)
- Green (30%)
- Blue (40%)



- Red (55%)
- Yellow (30%)
- Blue (40%)



- Cyan (0%)
- Magenta (45%)
- Yellow (28%)
- Black (45%)





- Cyan (45%)
- Magenta (70%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9298, 0.3819, 0.2841 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 11.9298, 0.3819, 0.2841 by changing the saturation by 10% instead.


 11.9298, 0.3819,
0.2841


 11.9298, 0.3819,
0.2841

203.9400, 0.3399,
0.3111

 6.6959, 0.3962,
0.2751


 29.3672, 0.3642,
0.2953


 3.2727, 0.4177,
0.2618

 42.3395, 0.3584,
0.2991


 1.2757, 0.4539,
0.2398

 58.6600, 0.3537,
0.3021

 0.1223, 0.6628,
0.0951

 78.7131, 0.3499,
0.3045

 0.0000, 0.0000,
0.0000

 102.8833, 0.3468,
0.3066

131.5549, 0.3441,

0.3083

165.1123, 0.3419,
0.3098

■ 11.9298, 0.3819,
0.2841

■ 11.9298, 0.3819,
0.2841

■ 10.0046, 0.4057,
0.2752

■ 14.3015, 0.3615,
0.2941

■ 8.4959, 0.4328,
0.2682

■ 17.1441, 0.3443,
0.3043

■ 7.3723, 0.4623,
0.2644


■ 20.4819, 0.3300,
0.3144


■ 6.5974, 0.4929,
0.2649

■ 24.3373, 0.3182,
0.3240

■ 6.1200, 0.5227,
0.2701

■ 28.7312, 0.3085,
0.3331

 5.9393, 0.5364,
0.2729

 33.6834, 0.3004,
0.3415

 39.2126, 0.2938,
0.3492

 45.3368, 0.2883,
0.3563

 52.0730, 0.2837,
0.3628

Harmonies

Analogous

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



11.9298, 0.3141, 0.2477



11.9298, 0.3819, 0.2841



11.9298, 0.4319, 0.3312

Triad

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



11.9298, 0.3819, 0.2841



11.9298, 0.3647, 0.4507



11.9298, 0.1958, 0.2563

Complementary

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



11.9298, 0.3819, 0.2841



21.8898, 0.2735, 0.3803

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.



11.9298, 0.2059, 0.3085



11.9298, 0.3819, 0.2841



11.9298, 0.3002, 0.4346

Square

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



11.9298, 0.3819, 0.2841



11.9298, 0.4182, 0.4266



11.9298, 0.2425, 0.3776



11.9298, 0.2119, 0.2300

Rectangle

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



11.9298, 0.3819, 0.2841



11.9298, 0.4450, 0.3649



11.9298, 0.2425, 0.3776



11.9298, 0.1962, 0.2709

Sweetspot

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



11.9304, 0.3819, 0.2841



37.3839, 0.3286, 0.3155



10.9037, 0.2804, 0.2096



8.0743, 0.3311, 0.3136



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



11.9304, 0.3819, 0.2841



17.9868, 0.4051, 0.2754



12.4473, 0.4232, 0.3410



5.4568, 0.3224, 0.3204



5.4182, 0.5354, 0.2723



0.0559, 0.4334, 0.2161

Inverse Universe

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



11.9304, 0.3819, 0.2841



17.9868, 0.4051, 0.2754



20.7184, 0.2515, 0.3162



5.4568, 0.3224, 0.3204



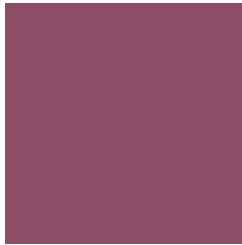
5.4182, 0.5354, 0.2723



0.0559, 0.4334, 0.2161

Previews

White Background



This preview shows how the Yxy color 11.9298, 0.3819, 0.2841 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 11.9298, 0.3819, 0.2841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

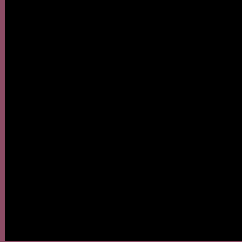
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 11.9298, 0.3819, 0.2841

Background



This preview shows how black text looks on a background with the Yxy color 11.9298, 0.3819, 0.2841.

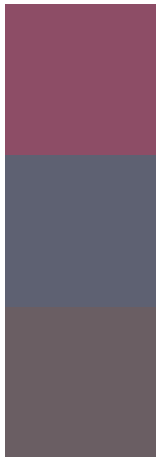


This preview shows how white text looks on a background with the Yxy color 11.9298, 0.3819, 0.2841.

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

11.9298, 0.3819, 0.2841

Protanopia

12.1440, 0.2860, 0.2912

Deuteranopia

11.9704, 0.3241, 0.3180



Tritanopia

11.8982, 0.4064, 0.3182

Trichromacy



Original Color

11.9298, 0.3819, 0.2841

Protanomaly

11.8176, 0.3162, 0.2869

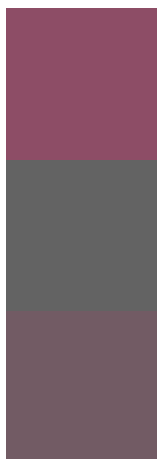
Deuteranomaly

11.8215, 0.3448, 0.3043

Tritanomaly

11.9401, 0.3976, 0.3054

Monochromacy



Original Color

11.9298, 0.3819, 0.2841

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

11.9797, 0.3359, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9298, 0.3819, 0.2841 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(141, 77, 102)` looks like.

```
.text, #text, p{  
    color:rgb(141, 77, 102)  
}
```

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(141, 77, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 77, 102) }
```

Border

The CSS property to change the border of an element to Yxy 11.9298, 0.3819, 0.2841 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(141, 77, 102) }
```

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

```
.border{ border-color:rgb(141, 77, 102) }
```

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

Here you see how a box with a 4 pixel rgb(141, 77, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 77, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 77, 102);  
box-shadow:4px 4px 4px 4px rgb(141, 77,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9298, 0.3819, 0.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 77, 102) }
```

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

```
.background{ background-color: rgb(141, 77,  
102) }
```

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