

Converting Colors

$Y_{xy}(11.9357, 0.3885, 0.2895)$

Have a look what the booklet for
Yxy(11.9357, 0.3885, 0.2895)
contains.

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Color

Yxy(11.9594, 0.3890, 0.2897)

Conversions

Conversions Part 1

Format	Color
Hex	8E4D63
RGB	142, 77, 99
RGB Percent	56%, 30%, 39%
CMY	0.4432, 0.6980, 0.6118
CMYK	0.00, 0.46, 0.30, 0.44
HSL	340°, 30%, 43%
HSV	340°, 46%, 56%
XYZ	16.0587, 11.9594, 13.2639
YIQ	98.9430, 31.6780, 20.6220

Conversions

Conversions Part 2

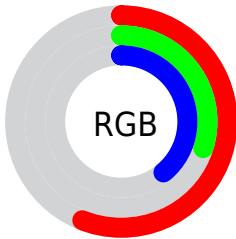
Format	Color
R_{YB}	142, 77, 99
Decimal	9325923
CIE Lab	41.15, 30.07, -0.61
CIE LCh	41, 30.078, 358.844
Yxy	11.9594, 0.3890, 0.2897
Android (android.graphics.Color)	4287516003 (0xFF8E4D63)
YUV	98.9430, 0.0281, 37.7610
Hunter-Lab	34.5824, 22.3693, 1.4672

Details

The Yxy color **11.9594, 0.3890, 0.2897** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.2755, 0.2704, 0.3736**, and the grayscale version is **12.4569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.2511, 0.3687, 0.2986**, and **3.2596, 0.4269, 0.2675** is the 20% darker color. If you saturate the color by 10%, you get **10.0155, 0.4154, 0.2821**, and if you desaturate by 10%, it is **14.3592, 0.3664, 0.2983**.

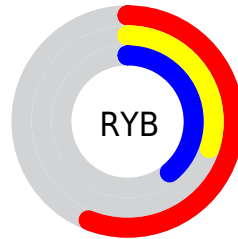
Distribution



Red (56%)

Green (30%)

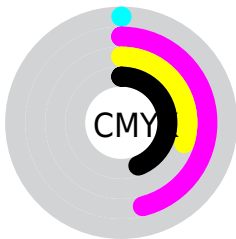
Blue (39%)



Red (56%)

Yellow (30%)

Blue (39%)

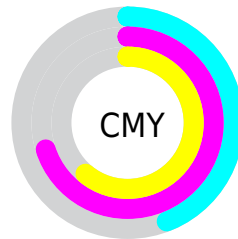


Cyan (0%)

Magenta (46%)

Yellow (30%)

Black (44%)



Cyan (44%)


Magenta (70%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9594, 0.3890, 0.2897 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 11.9594, 0.3890, 0.2897 by changing the saturation by 10% instead.


 11.9594, 0.3890,
0.2897


 11.9594, 0.3890,
0.2897


204.1363, 0.3425,
0.3136

 6.7160, 0.4049,
0.2816


 29.4211, 0.3694,
0.2997


 3.2852, 0.4290,
0.2693

 42.4083, 0.3629,
0.3031

 1.2824, 0.4696,
0.2488

 58.7455, 0.3578,
0.3057

 0.1275, 0.7348,
0.1095

 78.8172, 0.3536,
0.3079

 0.0000, 0.0000,
0.0000

 103.0077, 0.3501,
0.3097

131.7015, 0.3472,

0.3112

165.2829, 0.3447,
0.3125

■ 11.9594, 0.3890,
0.2897

■ 11.9594, 0.3890,
0.2897

■ 10.0155, 0.4154,
0.2821

■ 14.3592, 0.3664,
0.2983

■ 8.4963, 0.4455,
0.2765

■ 17.2396, 0.3476,
0.3072

■ 7.3700, 0.4782,
0.2739


■ 20.6258, 0.3319,
0.3160

■ 6.5988, 0.5117,
0.2754

■ 24.5408, 0.3191,
0.3244


■ 6.1281, 0.5436,
0.2814

■ 29.0059, 0.3085,
0.3323

 5.9628, 0.5569,
0.2842

 34.0414, 0.2998,
0.3395

 39.6666, 0.2926,
0.3462

 45.8999, 0.2867,
0.3524

 52.7586, 0.2818,
0.3579

Harmonies

Analogous

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



11.9594, 0.3225, 0.2518



11.9594, 0.3890, 0.2897



11.9594, 0.4349, 0.3373

Triad

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



11.9594, 0.3890, 0.2897



11.9594, 0.3568, 0.4504



11.9594, 0.1971, 0.2522

Complementary

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



11.9594, 0.3890, 0.2897



22.2755, 0.2704, 0.3736

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.



11.9594, 0.2038, 0.3011



11.9594, 0.3890, 0.2897



11.9594, 0.2926, 0.4287

Square

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



11.9594, 0.3890, 0.2897



11.9594, 0.4122, 0.4305



11.9594, 0.2372, 0.3687



11.9594, 0.2162, 0.2291

Rectangle

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



11.9594, 0.3890, 0.2897



11.9594, 0.4446, 0.3709



11.9594, 0.2372, 0.3687



11.9594, 0.1964, 0.2656

Sweetspot

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



11.9600, 0.3890, 0.2897



37.3342, 0.3299, 0.3173



11.2018, 0.2846, 0.2101



8.0619, 0.3326, 0.3156



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.



11.9600, 0.3890, 0.2897



17.5486, 0.4165, 0.2818



13.0631, 0.4218, 0.3469



5.4523, 0.3232, 0.3216



5.3584, 0.5558, 0.2835



0.0550, 0.4504, 0.2255

Inverse Universe

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



11.9600, 0.3890, 0.2897



17.5486, 0.4165, 0.2818



20.0980, 0.2499, 0.3095



5.4523, 0.3232, 0.3216



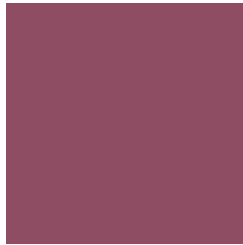
5.3584, 0.5558, 0.2835



0.0550, 0.4504, 0.2255

Previews

White Background



This preview shows how the Yxy color 11.9594, 0.3890, 0.2897 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 11.9594, 0.3890, 0.2897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

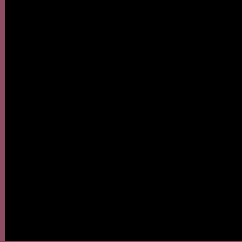
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9594, 0.3890, 0.2897

Background



This preview shows how black text looks on a background with the Yxy color 11.9594, 0.3890, 0.2897.



This preview shows how white text looks on a background with the Yxy color 11.9594, 0.3890, 0.2897.

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

11.9594, 0.3890, 0.2897

Protanopia

12.1300, 0.2911, 0.2977

Deuteranopia

11.9757, 0.3301, 0.3246



Tritanopia

11.9106, 0.4122, 0.3184

Trichromacy



Original Color

11.9594, 0.3890, 0.2897

Protanomaly

11.8186, 0.3222, 0.2931

Deuteranomaly

11.8356, 0.3514, 0.3105

Tritanomaly

11.8497, 0.4035, 0.3074

Monochromacy



Original Color

11.9594, 0.3890, 0.2897

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.0279, 0.3391, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9594, 0.3890, 0.2897 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(142, 77, 99)` looks like.

```
.text, #text, p{  
  color:rgb(142, 77, 99)  
}
```

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(142, 77, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 77, 99) }
```

Border

The CSS property to change the border of an element to Yxy 11.9594, 0.3890, 0.2897 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(142, 77, 99) }
```

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

```
.border{ border-color:rgb(142, 77, 99) }
```

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

Here you see how a box with a 4 pixel rgb(142, 77, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 77, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 77, 99);  
box-shadow:4px 4px 4px 4px rgb(142, 77,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9594, 0.3890, 0.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 77, 99) }
```

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

```
.background{ background-color: rgb(142, 77,  
99) }
```

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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