

Converting Colors

$Y_{xy}(11.9847, 0.4080, 0.3183)$

Have a look what the booklet for
Yxy(11.9847, 0.4080, 0.3183)
contains.

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Color

Yxy(11.9847, 0.4080, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	8C5056
RGB	140, 80, 86
RGB Percent	55%, 31%, 34%
CMY	0.4510, 0.6862, 0.6628
CMYK	0.00, 0.43, 0.39, 0.45
HSL	354°, 27%, 43%
HSV	354°, 43%, 55%
XYZ	15.3621, 11.9847, 10.3054
YIQ	98.6240, 33.8340, 14.5860

Conversions

Conversions Part 2

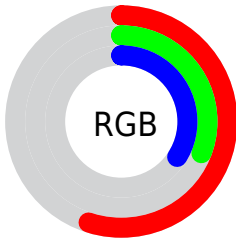
Format	Color
R_{YB}	140, 80, 86
Decimal	9195606
CIE Lab	41.19, 25.84, 7.46
CIE LCh	41, 26.898, 16.106
Yxy	11.9847, 0.4080, 0.3183
Android (android.graphics.Color)	4287385686 (0xFF8C5056)
YUV	98.6240, -6.2236, 36.2868
Hunter-Lab	34.6189, 18.6260, 6.5837

Details

The Yxy color **11.9847, 0.4080, 0.3183** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.1810, 0.2609, 0.3406**, and the grayscale version is **12.3880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.3449, 0.3822, 0.3211**, and **3.2740, 0.4589, 0.3082** is the 20% darker color. If you saturate the color by 10%, you get **9.9586, 0.4438, 0.3162**, and if you desaturate by 10%, it is **14.4749, 0.3779, 0.3208**.

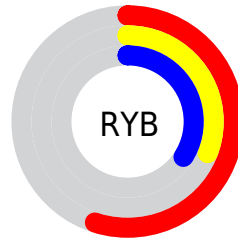
Distribution



Red (55%)

Green (31%)

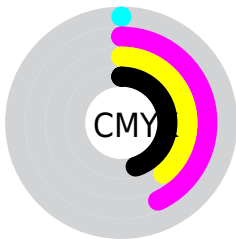
Blue (34%)



Red (55%)

Yellow (31%)

Blue (34%)

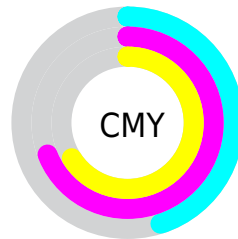


Cyan (0%)

Magenta (43%)

Yellow (39%)

Black (45%)



Cyan (45%)


Magenta (69%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.9847, 0.4080, 0.3183 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 11.9847, 0.4080, 0.3183 by changing the saturation by 10% instead.


 11.9847, 0.4080,
0.3183


 11.9847, 0.4080,
0.3183


204.3040, 0.3493,
0.3261


 6.7333, 0.4283,
0.3148


 29.4672, 0.3831,
0.3220


 3.2958, 0.4594,
0.3087

 42.4671, 0.3749,
0.3231


 1.2881, 0.5127,
0.2967

 58.8186, 0.3684,
0.3239

 0.1319, 0.8515,
0.1485

 78.9061, 0.3632,
0.3245

 0.0000, 0.0000,
0.0000

 103.1140, 0.3588,
0.3250

131.8267, 0.3552,

0.3254

165.4285, 0.3520,
0.3258

■ 11.9847, 0.4080,
0.3183

■ 11.9847, 0.4080,
0.3183

■ 9.9586, 0.4438,
0.3162

■ 14.4749, 0.3779,
0.3208

■ 8.3664, 0.4848,
0.3149

■ 17.4537, 0.3531,
0.3234

■ 7.1766, 0.5286,
0.3149


■ 20.9459, 0.3330,
0.3259


■ 6.3533, 0.5708,
0.3167

■ 24.9741, 0.3167,
0.3283

■ 5.8538, 0.6058,
0.3201


■ 29.5595, 0.3036,
0.3306

 5.6062, 0.6253,
0.3218

 34.7223, 0.2929,
0.3326

 40.4816, 0.2842,
0.3345

 46.8556, 0.2770,
0.3361

 53.8617, 0.2711,
0.3377

Harmonies

Analogous

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



11.9847, 0.3568, 0.2776



11.9847, 0.4080, 0.3183



11.9847, 0.4305, 0.3640

Triad

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



11.9847, 0.4080, 0.3183



11.9847, 0.3199, 0.4303



11.9847, 0.2151, 0.2451

Complementary

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



11.9847, 0.4080, 0.3183



22.1810, 0.2609, 0.3406

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.



11.9847, 0.2076, 0.2765



11.9847, 0.4080, 0.3183



11.9847, 0.2645, 0.3894

Square

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



11.9847, 0.4080, 0.3183



11.9847, 0.3761, 0.4340



11.9847, 0.2245, 0.3293



11.9847, 0.2458, 0.2365

Rectangle

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



11.9847, 0.4080, 0.3183



11.9847, 0.4256, 0.3933



11.9847, 0.2245, 0.3293



11.9847, 0.2099, 0.2529

Sweetspot

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



11.9853, 0.4080, 0.3183



36.6510, 0.3338, 0.3258



12.6998, 0.3087, 0.2249



8.1468, 0.3375, 0.3253



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.



11.9853, 0.4080, 0.3183



17.8074, 0.4409, 0.3164



16.0552, 0.3998, 0.3729



5.0562, 0.3266, 0.3269



4.9837, 0.6245, 0.3214



0.0340, 0.5632, 0.2876

Inverse Universe

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



11.9853, 0.4080, 0.3183



17.8074, 0.4409, 0.3164



16.0896, 0.2483, 0.2796



5.0562, 0.3266, 0.3269



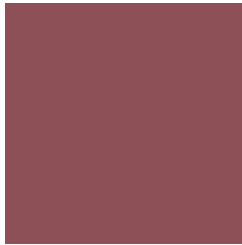
4.9837, 0.6245, 0.3214



0.0340, 0.5632, 0.2876

Previews

White Background



This preview shows how the Yxy color 11.9847, 0.4080, 0.3183 looks on a white background.

Color Contrast Check

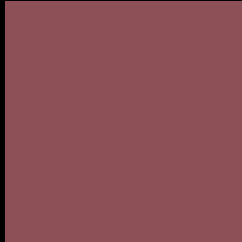
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.9847, 0.4080, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

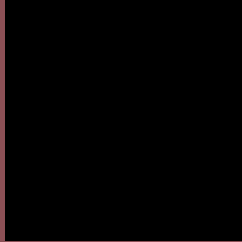
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9847, 0.4080, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 11.9847, 0.4080, 0.3183.



This preview shows how white text looks on a background with the Yxy color 11.9847, 0.4080, 0.3183.

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

11.9847, 0.4080, 0.3183

Protanopia

12.0849, 0.3201, 0.3336

Deuteranopia

12.0902, 0.3566, 0.3510



Tritanopia

11.9847, 0.4080, 0.3183

Trichromacy



Original Color

11.9847, 0.4080, 0.3183

Protanomaly

11.8997, 0.3501, 0.3270

Deuteranomaly

11.9382, 0.3742, 0.3375

Tritanomaly

11.9847, 0.4080, 0.3183

Monochromacy



Original Color

11.9847, 0.4080, 0.3183

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.0399, 0.3450, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9847, 0.4080, 0.3183 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(140, 80, 86)` looks like.

```
.text, #text, p{  
  color:rgb(140, 80, 86)  
}
```

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(140, 80, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 80, 86) }
```

Border

The CSS property to change the border of an element to Yxy 11.9847, 0.4080, 0.3183 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(140, 80, 86) }
```

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

```
.border{ border-color:rgb(140, 80, 86) }
```

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

Here you see how a box with a 4 pixel rgb(140, 80, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 80, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 80, 86);  
box-shadow:4px 4px 4px 4px rgb(140, 80,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9847, 0.4080, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 80, 86) }
```

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

```
.background{ background-color: rgb(140, 80,  
86) }
```

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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