

Converting Colors

$Y_{xy}(18.0222, 0.4010, 0.3827)$

Have a look what the booklet for
Yxy(18.0222, 0.4010, 0.3827)
contains.

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Color

Yxy(17.9827, 0.4002, 0.3819)

Conversions

Conversions Part 1

Format	Color
Hex	916F51
RGB	145, 111, 81
RGB Percent	57%, 44%, 32%
CMY	0.4314, 0.5647, 0.6824
CMYK	0.00, 0.23, 0.44, 0.43
HSL	28°, 28%, 44%
HSV	28°, 44%, 57%
XYZ	18.8444, 17.9827, 10.2604
YIQ	117.7460, 29.8940, -2.1220

Conversions

Conversions Part 2

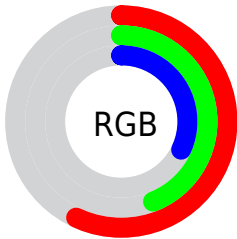
Format	Color
R_{YB}	145, 137, 81
Decimal	9531217
CIE Lab	49.48, 9.33, 21.88
CIE LCh	49, 23.784, 66.896
Yxy	17.9827, 0.4002, 0.3819
Android (android.graphics.Color)	4287721297 (0xFF916F51)
YUV	117.7460, -18.1158, 23.9018
Hunter-Lab	42.4060, 5.1114, 15.3387

Details

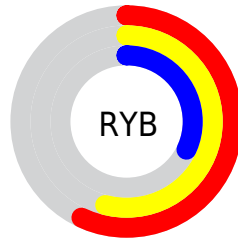
The Yxy color **17.9827, 0.4002, 0.3819** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16.0462, 0.2447, 0.2684**, and the grayscale version is **18.0838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1124, 0.3791, 0.3708**, and **6.0095, 0.4377, 0.3980** is the 20% darker color. If you saturate the color by 10%, you get **16.1806, 0.4264, 0.3931**, and if you desaturate by 10%, it is **19.9778, 0.3762, 0.3698**.

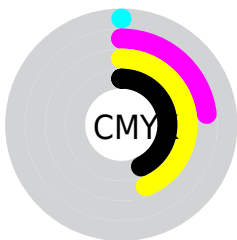
Distribution



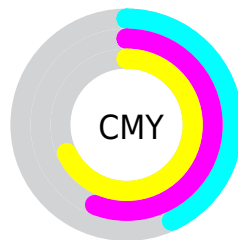
- Red (57%)
- Green (44%)
- Blue (32%)



- Red (57%)
- Yellow (54%)
- Blue (32%)



- Cyan (0%)
- Magenta (23%)
- Yellow (44%)
- Black (43%)



- Cyan (43%)
- Magenta (56%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9827, 0.4002, 0.3819 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 17.9827, 0.4002, 0.3819 by changing the saturation by 10% instead.


 17.9827, 0.4002,
0.3819


 17.9827, 0.4002,
0.3819


240.7735, 0.3496,
0.3528


 10.9376, 0.4155,
0.3898


 40.0078, 0.3799,
0.3708


 6.0249, 0.4370,
0.3999


 55.7566, 0.3729,
0.3668

 2.8602, 0.4689,
0.4130

 75.1755, 0.3672,
0.3634

 1.0592, 0.5483,
0.4517

 98.6487, 0.3624,
0.3606

 0.0000, 1.0000,
0.0000

 126.5607, 0.3584,
0.3583

 0.0000, 0.0000,
0.0000

159.2959, 0.3550,

0.3562

197.2387, 0.3521,
0.3544

■ 17.9827, 0.4002,
0.3819

■ 17.9827, 0.4002,
0.3819

■ 16.1806, 0.4264,
0.3931

■ 19.9778, 0.3762,
0.3698

■ 14.5622, 0.4542,
0.4023

■ 22.1694, 0.3546,
0.3574

■ 13.1213, 0.4824,
0.4084

■ 24.5644, 0.3356,
0.3452

■ 11.8502, 0.5094,
0.4102

■ 27.1683, 0.3190,
0.3336

■ 10.7399, 0.5333,
0.4070

■ 29.9866, 0.3045,
0.3227

■ 10.1542, 0.5468,
0.4040

■ 33.0243, 0.2918,
0.3126

■ 36.2865, 0.2809,
0.3033

■ 39.7779, 0.2713,
0.2948

■ 43.5031, 0.2630,
0.2869

Harmonies

Analogous

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



17.9827, 0.4011, 0.3470



17.9827, 0.4002, 0.3819



17.9827, 0.3747, 0.4064

Triad

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



17.9827, 0.4002, 0.3819



17.9827, 0.2518, 0.3442



17.9827, 0.2871, 0.2605

Complementary

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



17.9827, 0.4002, 0.3819



16.0462, 0.2447, 0.2684

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.



17.9827, 0.2509, 0.2561



17.9827, 0.4002, 0.3819



17.9827, 0.2317, 0.3005

Square

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



17.9827, 0.4002, 0.3819



17.9827, 0.2885, 0.3866



17.9827, 0.2315, 0.2694



17.9827, 0.3330, 0.2800

Rectangle

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



17.9827, 0.4002, 0.3819



17.9827, 0.3482, 0.4117



17.9827, 0.2315, 0.2694



17.9827, 0.2735, 0.2572

Sweetspot

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



17.9836, 0.4002, 0.3819



44.3910, 0.3341, 0.3442



13.1424, 0.3637, 0.2698



9.6758, 0.3377, 0.3466



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



17.9836, 0.4002, 0.3819



28.9938, 0.4264, 0.3931



26.2127, 0.3776, 0.4311



5.8151, 0.3271, 0.3394



8.7628, 0.5458, 0.4048



0.1273, 0.4821, 0.4554

Inverse Universe

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



16.0462, 0.2447, 0.2684



25.0514, 0.2299, 0.2517



9.9983, 0.2335, 0.2012



5.6992, 0.2990, 0.3184



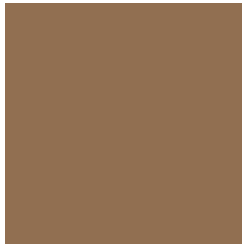
6.3560, 0.1812, 0.1723



0.1049, 0.2017, 0.2461

Previews

White Background



This preview shows how the Yxy color 17.9827, 0.4002, 0.3819 looks on a white background.

Color Contrast Check

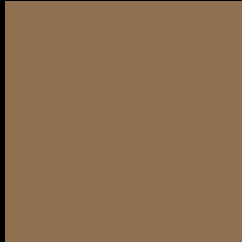
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9827, 0.4002, 0.3819 looks on a black 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

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

Yxy 17.9827, 0.4002, 0.3819

Background



This preview shows how black text looks on a background with the Yxy color 17.9827, 0.4002, 0.3819.



This preview shows how white text looks on a background with the Yxy color 17.9827, 0.4002, 0.3819.

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

17.9827, 0.4002, 0.3819

Protanopia

18.1090, 0.3664, 0.3942

Deuteranopia

18.0671, 0.3931, 0.3865



Tritanopia

18.0491, 0.3593, 0.3154

Trichromacy



Original Color

17.9827, 0.4002, 0.3819

Protanomaly

17.9543, 0.3793, 0.3886

Deuteranomaly

17.9332, 0.3952, 0.3845

Tritanomaly

17.9074, 0.3744, 0.3379

Monochromacy



Original Color

17.9827, 0.4002, 0.3819

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.8706, 0.3425, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9827, 0.4002, 0.3819 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(145, 111, 81)` looks like.

```
.text, #text, p{  
    color:rgb(145, 111, 81)  
}
```

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(145, 111, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 111, 81) }
```

Border

The CSS property to change the border of an element to Yxy 17.9827, 0.4002, 0.3819 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(145, 111, 81) }
```

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

```
.border{ border-color:rgb(145, 111, 81) }
```

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

Here you see how a box with a 4 pixel rgb(145, 111, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 111, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 111, 81);  
box-shadow:4px 4px 4px 4px rgb(145, 111,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9827, 0.4002, 0.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 111, 81) }
```

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

```
.background{ background-color: rgb(145,  
111, 81) }
```

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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