

Converting Colors

$Y_{xy}(18.4187, 0.3824, 0.3488)$

Have a look what the booklet for
Yxy(18.4187, 0.3824, 0.3488)
contains.

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Color

Yxy(18.4423, 0.3818, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	956E63
RGB	149, 110, 99
RGB Percent	58%, 43%, 39%
CMY	0.4157, 0.5686, 0.6117
CMYK	0.00, 0.26, 0.34, 0.42
HSL	13°, 20%, 49%
HSV	13°, 34%, 58%
XYZ	20.2219, 18.4423, 14.3005
YIQ	120.4070, 26.7750, 4.8470

Conversions

Conversions Part 2

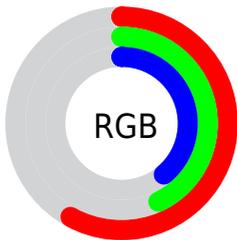
Format	Color
R_{YB}	149, 113, 99
Decimal	9793123
CIE _{Lab}	50.03, 13.89, 12.18
CIE _{LCh}	50, 18.471, 41.253
Yxy	18.4423, 0.3818, 0.3482
Android (android.graphics.Color)	4287983203 (0xFF956E63)
YUV	120.4070, -10.5537, 25.0761
Hunter-Lab	42.9445, 8.9001, 10.3177

Details

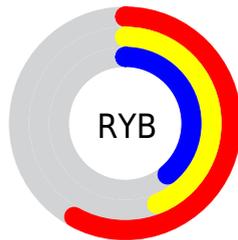
The Yxy color **18.4423, 0.3818, 0.3482** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.9989, 0.2639, 0.3087**, and the grayscale version is **18.9482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.8800, 0.3651, 0.3445**, and **6.2346, 0.4138, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **15.8383, 0.4113, 0.3540**, and if you desaturate by 10%, it is **21.4296, 0.3567, 0.3422**.

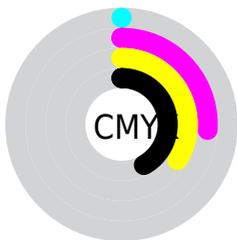
Distribution



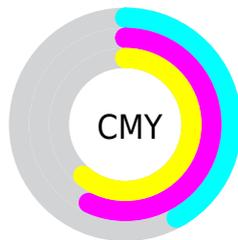
- Red (58%)
- Green (43%)
- Blue (39%)



- Red (58%)
- Yellow (44%)
- Blue (39%)



- Cyan (0%)
- Magenta (26%)
- Yellow (34%)
- Black (42%)



- Cyan (42%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.4423, 0.3818, 0.3482 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 18.4423, 0.3818, 0.3482 by changing the saturation by 10% instead.

 18.4423, 0.3818,
0.3482

 18.4423, 0.3818,
0.3482

243.3524, 0.3416,
0.3381

 11.2680, 0.3943,
0.3508

 40.7896, 0.3655,
0.3444

 6.2474, 0.4122,
0.3540

 56.7313, 0.3600,
0.3430

 2.9961, 0.4397,
0.3578

 76.3643, 0.3555,
0.3419

 1.1297, 0.5061,
0.3752

 100.0730, 0.3517,
0.3409

 0.0031, 0.9909,
0.0091

128.2418, 0.3486,
0.3400

 0.0000, 0.0000,
0.0000

161.2550, 0.3459,

0.3393

199.4971, 0.3436,
0.3386

■ 18.4423, 0.3818,
0.3482

■ 18.4423, 0.3818,
0.3482

■ 15.8383, 0.4113,
0.3540

■ 21.4296, 0.3567,
0.3422

■ 13.5994, 0.4454,
0.3592

■ 24.8122, 0.3357,
0.3364

■ 11.7096, 0.4832,
0.3629

■ 28.6048, 0.3182,
0.3309

■ 10.1511, 0.5229,
0.3642

■ 32.8209, 0.3036,
0.3258

■ 8.9040, 0.5610,
0.3623

■ 37.4728, 0.2914,
0.3211

 7.9464, 0.5933,
0.3568

 42.5728, 0.2811,
0.3168

 7.4644, 0.6113,
0.3529

 48.1324, 0.2725,
0.3129

 54.1628, 0.2652,
0.3094

 60.6749, 0.2589,
0.3062

Harmonies

Analogous

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



18.4423, 0.3651, 0.3192



18.4423, 0.3818, 0.3482



18.4423, 0.3785, 0.3743

Triad

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



18.4423, 0.3818, 0.3482



18.4423, 0.2896, 0.3686



18.4423, 0.2680, 0.2715

Complementary

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



18.4423, 0.3818, 0.3482



22.9989, 0.2639, 0.3087

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.



18.4423, 0.2503, 0.2806



18.4423, 0.3818, 0.3482



18.4423, 0.2622, 0.3360

Square

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



18.4423, 0.3818, 0.3482



18.4423, 0.3243, 0.3890



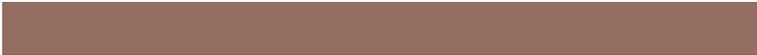
18.4423, 0.2483, 0.3035



18.4423, 0.2981, 0.2766

Rectangle

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



18.4423, 0.3818, 0.3482



18.4423, 0.3659, 0.3866



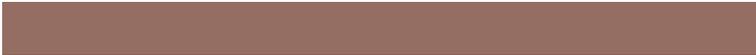
18.4423, 0.2483, 0.3035



18.4423, 0.2605, 0.2729

Sweetspot

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



18.4432, 0.3818, 0.3482



46.6288, 0.3295, 0.3345



17.1541, 0.3306, 0.2643



10.1477, 0.3318, 0.3352



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

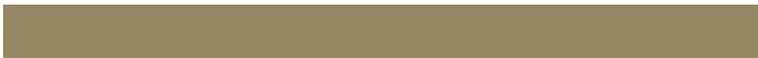
The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.4432, 0.3818, 0.3482



29.5772, 0.4028, 0.3525



24.5709, 0.3686, 0.3889



6.0101, 0.3277, 0.3339



6.3212, 0.6101, 0.3537



0.1145, 0.5417, 0.4081

Inverse Universe

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



22.9989, 0.2639, 0.3087



38.9620, 0.2543, 0.3037



16.6715, 0.2580, 0.2607



6.3480, 0.2990, 0.3240



12.4264, 0.2051, 0.2583



0.1951, 0.2154, 0.2954

Previews

White Background



This preview shows how the Yxy color 18.4423, 0.3818, 0.3482 looks on a white background.

Color Contrast Check

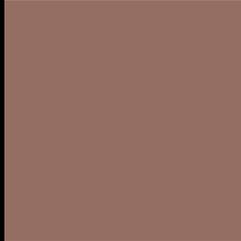
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 18.4423, 0.3818, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

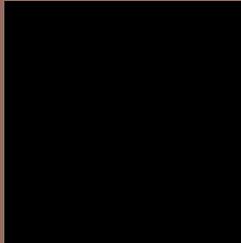
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

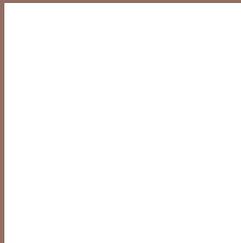
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 18.4423, 0.3818, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 18.4423, 0.3818, 0.3482.

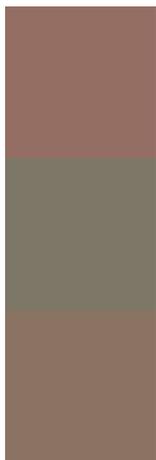


This preview shows how white text looks on a background with the Yxy color 18.4423, 0.3818, 0.3482.

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

18.4423, 0.3818, 0.3482

Protanopia

18.5329, 0.3397, 0.3597

Deuteranopia

18.5466, 0.3653, 0.3601



Tritanopia

18.5654, 0.3617, 0.3156

Trichromacy



Original Color

18.4423, 0.3818, 0.3482

Protanomaly

18.5184, 0.3542, 0.3550

Deuteranomaly

18.4429, 0.3719, 0.3560

Tritanomaly

18.5471, 0.3683, 0.3275

Monochromacy



Original Color

18.4423, 0.3818, 0.3482

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.4859, 0.3373, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4423, 0.3818, 0.3482 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(149, 110, 99)` looks like.

```
.text, #text, p{  
    color:rgb(149, 110, 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(149, 110, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 110, 99) }
```

Border

The CSS property to change the border of an element to Yxy 18.4423, 0.3818, 0.3482 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(149, 110, 99) }
```

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

```
.border{ border-color:rgb(149, 110, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 110, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 110, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 110, 99);  
box-shadow:4px 4px 4px 4px rgb(149, 110,  
99) }
```

Background

The CSS property to change the background color of an element to Yxy 18.4423, 0.3818, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 110, 99) }
```

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

```
.background{ background-color: rgb(149,  
110, 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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