

Converting Colors

$Y_{xy}(18.4850, 0.4103, 0.3925)$

Have a look what the booklet for
Yxy(18.4850, 0.4103, 0.3925)
contains.

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Color

Yxy(18.3922, 0.4114, 0.3925)

Conversions

Conversions Part 1

Format	Color
Hex	94704B
RGB	148, 112, 75
RGB Percent	58%, 44%, 29%
CMY	0.4196, 0.5608, 0.7059
CMYK	0.00, 0.24, 0.49, 0.42
HSL	30°, 33%, 44%
HSV	30°, 49%, 58%
XYZ	19.2778, 18.3922, 9.1891
YIQ	118.5460, 33.3330, -3.8750

Conversions

Conversions Part 2

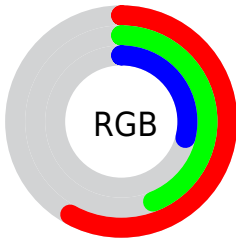
Format	Color
R_{YB}	146, 148, 75
Decimal	9728075
CIE Lab	49.97, 9.43, 26.01
CIE LCh	50, 27.666, 70.082
Yxy	18.3922, 0.4114, 0.3925
Android (android.graphics.Color)	4287918155 (0xFF94704B)
YUV	118.5460, -21.4682, 25.8312
Hunter-Lab	42.8861, 5.1872, 17.3164

Details

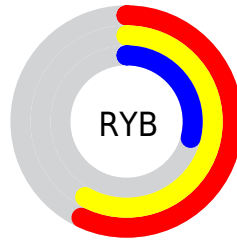
The Yxy color **18.3922, 0.4114, 0.3925** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **15.0030, 0.2357, 0.2538**, and the grayscale version is **18.3585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.8435, 0.3893, 0.3803**, and **6.1934, 0.4511, 0.4116** is the 20% darker color. If you saturate the color by 10%, you get **16.6674, 0.4373, 0.4037**, and if you desaturate by 10%, it is **20.2965, 0.3871, 0.3798**.

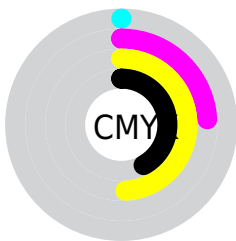
Distribution



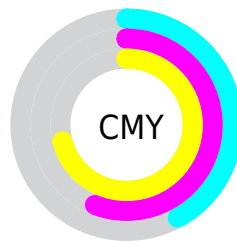
- Red (58%)
- Green (44%)
- Blue (29%)



- Red (57%)
- Yellow (58%)
- Blue (29%)



- Cyan (0%)
- Magenta (24%)
- Yellow (49%)
- Black (42%)





- Cyan (42%)
- Magenta (56%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3922, 0.4114, 0.3925 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 18.3922, 0.4114, 0.3925 by changing the saturation by 10% instead.


 18.3922, 0.4114,
0.3925


 18.3922, 0.4114,
0.3925


243.0725, 0.3548,
0.3580


 11.2319, 0.4281,
0.4015


 40.7045, 0.3889,
0.3795


 6.2231, 0.4510,
0.4127

 56.6253, 0.3811,
0.3747


 2.9812, 0.4865,
0.4288

 76.2351, 0.3746,
0.3707

 1.1219, 0.5478,
0.4522

 99.9183, 0.3693,
0.3674

 0.0000, 1.0000,
0.0000

 128.0592, 0.3648,
0.3645

 0.0000, 0.0000,
0.0000

161.0423, 0.3610,

0.3620

199.2519, 0.3577,
0.3599

■ 18.3922, 0.4114,
0.3925

■ 18.3922, 0.4114,
0.3925

■ 16.6674, 0.4373,
0.4037

■ 20.2965, 0.3871,
0.3798

■ 15.1132, 0.4639,
0.4122

■ 22.3836, 0.3649,
0.3665

■ 13.7233, 0.4898,
0.4170

■ 24.6601, 0.3449,
0.3533

■ 12.4901, 0.5136,
0.4169

■ 27.1313, 0.3273,
0.3404

■ 11.3998, 0.5348,
0.4127

■ 29.8023, 0.3117,
0.3282

■ 11.3313, 0.5362,
0.4124

■ 32.6780, 0.2981,
0.3168

■ 35.7630, 0.2863,
0.3063

■ 39.0619, 0.2759,
0.2966

■ 42.5791, 0.2668,
0.2877

Harmonies

Analogous

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



18.3922, 0.4163, 0.3531



18.3922, 0.4114, 0.3925



18.3922, 0.3790, 0.4199

Triad

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



18.3922, 0.4114, 0.3925



18.3922, 0.2393, 0.3405



18.3922, 0.2882, 0.2527

Complementary

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



18.3922, 0.4114, 0.3925



15.0030, 0.2357, 0.2538

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.



18.3922, 0.2455, 0.2455



18.3922, 0.4114, 0.3925



18.3922, 0.2192, 0.2908

Square

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



18.3922, 0.4114, 0.3925



18.3922, 0.2792, 0.3917



18.3922, 0.2215, 0.2578



18.3922, 0.3416, 0.2764

Rectangle

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



18.3922, 0.4114, 0.3925



18.3922, 0.3475, 0.4248



18.3922, 0.2215, 0.2578



18.3922, 0.2722, 0.2483

Sweetspot

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



18.3931, 0.4114, 0.3925



45.2224, 0.3375, 0.3480



12.4866, 0.3768, 0.2669



10.1357, 0.3410, 0.3505



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.



18.3931, 0.4114, 0.3925



29.1618, 0.4395, 0.4045



27.9871, 0.3831, 0.4453



6.2721, 0.3271, 0.3402



9.7322, 0.5353, 0.4132



0.1780, 0.4755, 0.4606

Inverse Universe

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



15.0030, 0.2357, 0.2538



22.4762, 0.2196, 0.2335



8.6651, 0.2217, 0.1785



6.0770, 0.2989, 0.3175



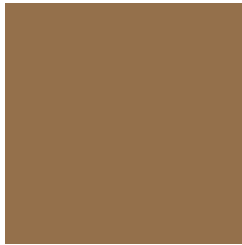
5.9493, 0.1776, 0.1595



0.1315, 0.1992, 0.2372

Previews

White Background



This preview shows how the Yxy color 18.3922, 0.4114, 0.3925 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 18.3922, 0.4114, 0.3925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

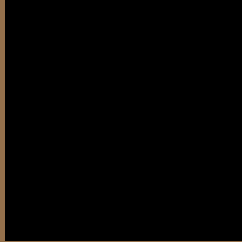
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.3922, 0.4114, 0.3925

Background



This preview shows how black text looks on a background with the Yxy color 18.3922, 0.4114, 0.3925.



This preview shows how white text looks on a background with the Yxy color 18.3922, 0.4114, 0.3925.

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

18.3922, 0.4114, 0.3925

Protanopia

18.4108, 0.3758, 0.4064

Deuteranopia

18.4719, 0.4041, 0.3973



Tritanopia

18.4286, 0.3648, 0.3156

Trichromacy



Original Color

18.3922, 0.4114, 0.3925

Protanomaly

18.2608, 0.3889, 0.4004

Deuteranomaly

18.3380, 0.4064, 0.3953

Tritanomaly

18.4367, 0.3838, 0.3446

Monochromacy



Original Color

18.3922, 0.4114, 0.3925

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.2159, 0.3474, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3922, 0.4114, 0.3925 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(148, 112, 75)` looks like.

```
.text, #text, p{  
    color:rgb(148, 112, 75)  
}
```

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(148, 112, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 112, 75) }
```

Border

The CSS property to change the border of an element to Yxy 18.3922, 0.4114, 0.3925 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(148, 112, 75) }
```

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

```
.border{ border-color:rgb(148, 112, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 112, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 112, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 112, 75);  
box-shadow:4px 4px 4px 4px rgb(148, 112,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3922, 0.4114, 0.3925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 112, 75) }
```

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

```
.background{ background-color: rgb(148,  
112, 75) }
```

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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