

Converting Colors

$Y_{xy}(18.2760, 0.4204, 0.3893)$

Have a look what the booklet for
Yxy(18.2760, 0.4204, 0.3893)
contains.

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Color

Yxy(18.3217, 0.4199, 0.3894)

Conversions

Conversions Part 1

Format	Color
Hex	986E4A
RGB	152, 110, 74
RGB Percent	60%, 43%, 29%
CMY	0.4040, 0.5686, 0.7098
CMYK	0.00, 0.28, 0.51, 0.40
HSL	28°, 35%, 44%
HSV	28°, 51%, 60%
XYZ	19.7568, 18.3217, 8.9726
YIQ	118.4540, 36.5880, -2.2920

Conversions

Conversions Part 2

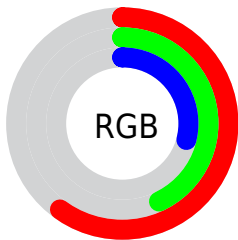
Format	Color
R_{YB}	152, 141, 74
Decimal	9989706
CIE _{Lab}	49.88, 12.20, 26.56
CIE _{LCh}	50, 29.229, 65.326
Yxy	18.3217, 0.4199, 0.3894
Android (android.graphics.Color)	4288179786 (0xFF986E4A)
YUV	118.4540, -21.9158, 29.4198
Hunter-Lab	42.8039, 7.4826, 17.5342

Details

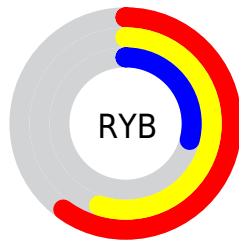
The Yxy color **18.3217, 0.4199, 0.3894** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16.2008, 0.2339, 0.2573**, and the grayscale version is **18.3283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6806, 0.3953, 0.3783**, and **6.1306, 0.4627, 0.4063** is the 20% darker color. If you saturate the color by 10%, you get **16.4578, 0.4478, 0.3991**, and if you desaturate by 10%, it is **20.3997, 0.3939, 0.3780**.

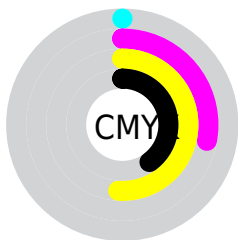
Distribution



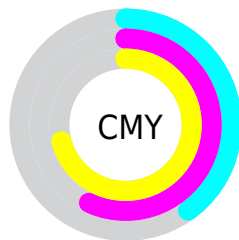
- Red (60%)
- Green (43%)
- Blue (29%)



- Red (60%)
- Yellow (55%)
- Blue (29%)



- Cyan (0%)
- Magenta (28%)
- Yellow (51%)
- Black (40%)





- Cyan (40%)
- Magenta (57%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3217, 0.4199, 0.3894 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 18.3217, 0.4199, 0.3894 by changing the saturation by 10% instead.


 18.3217, 0.4199,
0.3894

 18.3217, 0.4199,
0.3894


242.6781, 0.3583,
0.3571


 11.1812, 0.4381,
0.3974


 40.5847, 0.3954,
0.3775

 6.1888, 0.4630,
0.4071

 56.4761, 0.3869,
0.3730


 2.9602, 0.5024,
0.4209

 76.0531, 0.3799,
0.3693

 1.1110, 0.5648,
0.4352

 99.7003, 0.3741,
0.3661

 0.0000, 1.0000,
0.0000

 127.8020, 0.3692,
0.3634

 0.0000, 0.0000,
0.0000

160.7426, 0.3650,

0.3610

198.9065, 0.3614,
0.3589

■ 18.3217, 0.4199,
0.3894

■ 18.3217, 0.4199,
0.3894

■ 16.4578, 0.4478,
0.3991

■ 20.3997, 0.3939,
0.3780

■ 14.7973, 0.4764,
0.4060

■ 22.6967, 0.3703,
0.3659

■ 13.3325, 0.5043,
0.4089

■ 25.2205, 0.3492,
0.3536

■ 12.0536, 0.5296,
0.4067

■ 27.9779, 0.3308,
0.3417

■ 11.0787, 0.5495,
0.4019

■ 30.9752, 0.3147,
0.3304

■ 34.2185, 0.3007,
0.3199

■ 37.7137, 0.2885,
0.3101

■ 41.4664, 0.2780,
0.3011

■ 45.4821, 0.2688,
0.2929

Harmonies

Analogous

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



18.3217, 0.4200, 0.3470



18.3217, 0.4199, 0.3894



18.3217, 0.3894, 0.4217

Triad

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



18.3217, 0.4199, 0.3894



18.3217, 0.2406, 0.3502



18.3217, 0.2785, 0.2464

Complementary

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



18.3217, 0.4199, 0.3894



16.2008, 0.2339, 0.2573

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.



18.3217, 0.2364, 0.2418



18.3217, 0.4199, 0.3894



18.3217, 0.2161, 0.2957

Square

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



18.3217, 0.4199, 0.3894



18.3217, 0.2852, 0.4029



18.3217, 0.2148, 0.2578



18.3217, 0.3340, 0.2687

Rectangle

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



18.3217, 0.4199, 0.3894



18.3217, 0.3575, 0.4306



18.3217, 0.2148, 0.2578



18.3217, 0.2625, 0.2427

Sweetspot

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



18.3226, 0.4199, 0.3894



47.4152, 0.3378, 0.3464



12.8511, 0.3739, 0.2584



10.5622, 0.3414, 0.3487



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



18.3226, 0.4199, 0.3894



28.4781, 0.4532, 0.4007



28.3696, 0.3884, 0.4447



6.6694, 0.3272, 0.3393



9.3538, 0.5484, 0.4028



0.2115, 0.4848, 0.4533

Inverse Universe

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



16.2008, 0.2339, 0.2573



24.2707, 0.2173, 0.2368



9.1554, 0.2187, 0.1787



6.5491, 0.2989, 0.3185



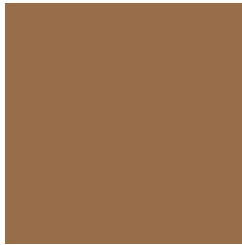
6.9956, 0.1817, 0.1742



0.1773, 0.2016, 0.2457

Previews

White Background



This preview shows how the Yxy color 18.3217, 0.4199, 0.3894 looks on a white background.

Color Contrast Check

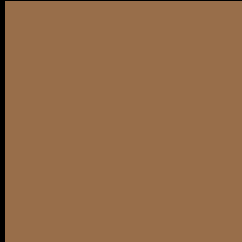
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3217, 0.4199, 0.3894 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 18.3217, 0.4199, 0.3894

Background



This preview shows how black text looks on a background with the Yxy color 18.3217, 0.4199, 0.3894.



This preview shows how white text looks on a background with the Yxy color 18.3217, 0.4199, 0.3894.

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

18.3217, 0.4199, 0.3894

Protanopia

18.3966, 0.3770, 0.4082

Deuteranopia

18.4450, 0.4066, 0.4006



Tritanopia

18.2640, 0.3727, 0.3158

Trichromacy



Original Color

18.3217, 0.4199, 0.3894

Protanomaly

18.3310, 0.3915, 0.4017

Deuteranomaly

18.4943, 0.4116, 0.3977

Tritanomaly

18.2863, 0.3905, 0.3427

Monochromacy



Original Color

18.3217, 0.4199, 0.3894

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.9666, 0.3491, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3217, 0.4199, 0.3894 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(152, 110, 74)` looks like.

```
.text, #text, p{  
    color:rgb(152, 110, 74)  
}
```

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(152, 110, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 110, 74) }
```

Border

The CSS property to change the border of an element to Yxy 18.3217, 0.4199, 0.3894 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(152, 110, 74) }
```

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

```
.border{ border-color:rgb(152, 110, 74) }
```

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

Here you see how a box with a 4 pixel rgb(152, 110, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 110, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 110, 74);  
box-shadow:4px 4px 4px 4px rgb(152, 110,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3217, 0.4199, 0.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 110, 74) }
```

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

```
.background{ background-color: rgb(152,  
110, 74) }
```

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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