

Converting Colors

$Y_{xy}(18.0524, 0.4155, 0.3833)$

Have a look what the booklet for
Yxy(18.0524, 0.4155, 0.3833)
contains.

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Color

Yxy(18.0524, 0.4155, 0.3833)

Conversions

Conversions Part 1

Format	Color
Hex	976D4D
RGB	151, 109, 77
RGB Percent	59%, 43%, 30%
CMY	0.4079, 0.5725, 0.6980
CMYK	0.00, 0.28, 0.49, 0.41
HSL	26°, 32%, 45%
HSV	26°, 49%, 59%
XYZ	19.5689, 18.0524, 9.4760
YIQ	117.9100, 35.3040, -1.0480

Conversions

Conversions Part 2

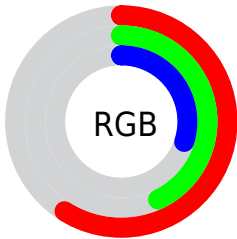
Format	Color
R_{YB}	151, 133, 77
Decimal	9923917
CIE _{Lab}	49.56, 12.66, 24.40
CIE _{LCh}	50, 27.491, 62.583
Yxy	18.0524, 0.4155, 0.3833
Android (android.graphics.Color)	4288113997 (0xFF976D4D)
YUV	117.9100, -20.1686, 29.0199
Hunter-Lab	42.4881, 7.8583, 16.5184

Details

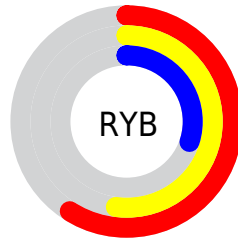
The Yxy color **18.0524, 0.4155, 0.3833** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.0023, 0.2382, 0.2657**, and the grayscale version is **18.1436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2615, 0.3919, 0.3735**, and **6.0384, 0.4592, 0.3981** is the 20% darker color. If you saturate the color by 10%, you get **16.1242, 0.4440, 0.3928**, and if you desaturate by 10%, it is **20.2100, 0.3892, 0.3724**.

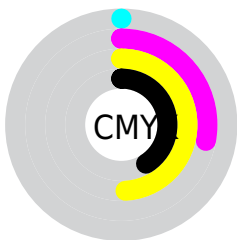
Distribution



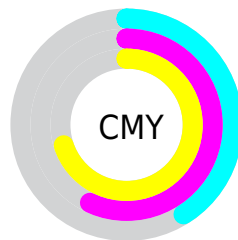
- Red (59%)
- Green (43%)
- Blue (30%)



- Red (59%)
- Yellow (52%)
- Blue (30%)



- Cyan (0%)
- Magenta (28%)
- Yellow (49%)
- Black (41%)





- Cyan (41%)
- Magenta (57%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0524, 0.4155, 0.3833 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 18.0524, 0.4155, 0.3833 by changing the saturation by 10% instead.


 18.0524, 0.4155,
0.3833


 18.0524, 0.4155,
0.3833


241.1662, 0.3561,
0.3542


 10.9876, 0.4333,
0.3906


 40.1266, 0.3918,
0.3725


 6.0585, 0.4580,
0.3995

 55.9048, 0.3835,
0.3685


 2.8807, 0.4958,
0.4112

 75.3562, 0.3768,
0.3651

 1.0698, 0.5684,
0.4316

 98.8654, 0.3712,
0.3622

 0.0000, 1.0000,
0.0000

 126.8165, 0.3665,
0.3598

 0.0000, 0.0000,
0.0000

159.5941, 0.3625,

0.3577

197.5826, 0.3591,
0.3558

■ 18.0524, 0.4155,
0.3833

■ 18.0524, 0.4155,
0.3833

■ 16.1242, 0.4440,
0.3928

■ 20.2100, 0.3892,
0.3724

■ 14.4144, 0.4739,
0.3998

■ 22.6025, 0.3657,
0.3609

■ 12.9144, 0.5036,
0.4031

■ 25.2383, 0.3450,
0.3494

■ 11.6142, 0.5310,
0.4016

■ 28.1245, 0.3269,
0.3384

■ 10.4980, 0.5553,
0.3959

■ 31.2681, 0.3112,
0.3280

■ 10.3944, 0.5578,
0.3953

■ 34.6755, 0.2977,
0.3183

■ 38.3532, 0.2860,
0.3093

■ 42.3072, 0.2759,
0.3011

■ 46.5433, 0.2671,
0.2936

Harmonies

Analogous

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



18.0524, 0.4125, 0.3426



18.0524, 0.4155, 0.3833



18.0524, 0.3892, 0.4149

Triad

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



18.0524, 0.4155, 0.3833



18.0524, 0.2476, 0.3541



18.0524, 0.2761, 0.2492

Complementary

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



18.0524, 0.4155, 0.3833



17.0023, 0.2382, 0.2657

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.



18.0524, 0.2376, 0.2467



18.0524, 0.4155, 0.3833



18.0524, 0.2221, 0.3021

Square

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



18.0524, 0.4155, 0.3833



18.0524, 0.2914, 0.4020



18.0524, 0.2188, 0.2642



18.0524, 0.3280, 0.2691

Rectangle

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



18.0524, 0.4155, 0.3833



18.0524, 0.3599, 0.4245



18.0524, 0.2188, 0.2642



18.0524, 0.2613, 0.2463

Sweetspot

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



18.0533, 0.4155, 0.3833



47.0655, 0.3380, 0.3453



13.2471, 0.3657, 0.2575



10.4740, 0.3416, 0.3475



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.



18.0533, 0.4155, 0.3833



28.4990, 0.4475, 0.3938



27.3099, 0.3870, 0.4368



6.6402, 0.3273, 0.3387



8.8994, 0.5568, 0.3961



0.2034, 0.4903, 0.4489

Inverse Universe

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



17.0023, 0.2382, 0.2657



26.3601, 0.2227, 0.2480



10.0254, 0.2244, 0.1915



6.5787, 0.2989, 0.3191



7.5771, 0.1845, 0.1842



0.1855, 0.2034, 0.2522

Previews

White Background



This preview shows how the Yxy color 18.0524, 0.4155, 0.3833 looks on a white background.

Color Contrast Check

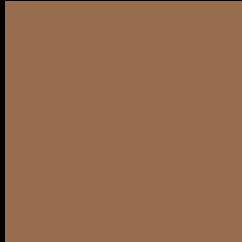
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0524, 0.4155, 0.3833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

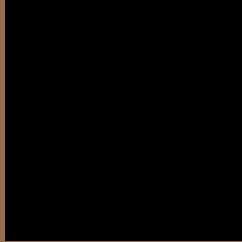
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0524, 0.4155, 0.3833

Background



This preview shows how black text looks on a background with the Yxy color 18.0524, 0.4155, 0.3833.



This preview shows how white text looks on a background with the Yxy color 18.0524, 0.4155, 0.3833.

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

18.0524, 0.4155, 0.3833

Protanopia

18.1401, 0.3715, 0.3995

Deuteranopia

18.0828, 0.4009, 0.3948



Tritanopia

17.9405, 0.3732, 0.3158

Trichromacy



Original Color

18.0524, 0.4155, 0.3833

Protanomaly

18.0749, 0.3859, 0.3934

Deuteranomaly

18.1299, 0.4059, 0.3920

Tritanomaly

17.9812, 0.3897, 0.3411

Monochromacy



Original Color

18.0524, 0.4155, 0.3833

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.9866, 0.3478, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0524, 0.4155, 0.3833 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(151, 109, 77)` looks like.

```
.text, #text, p{  
    color:rgb(151, 109, 77)  
}
```

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(151, 109, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 109, 77) }
```

Border

The CSS property to change the border of an element to Yxy 18.0524, 0.4155, 0.3833 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(151, 109, 77) }
```

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

```
.border{ border-color:rgb(151, 109, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 109, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 109, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 109, 77);  
box-shadow:4px 4px 4px 4px rgb(151, 109,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0524, 0.4155, 0.3833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 109, 77) }
```

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

```
.background{ background-color: rgb(151,  
109, 77) }
```

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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