

Converting Colors

$Y_{xy}(18.1332, 0.3840, 0.3727)$

Have a look what the booklet for
Yxy(18.1332, 0.3840, 0.3727)
contains.

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Color

Yxy(18.1776, 0.3839, 0.3741)

Conversions

Conversions Part 1

Format	Color
Hex	8D7158
RGB	141, 113, 88
RGB Percent	55%, 44%, 35%
CMY	0.4470, 0.5569, 0.6549
CMYK	0.00, 0.20, 0.38, 0.45
HSL	28°, 23%, 45%
HSV	28°, 38%, 55%
XYZ	18.6538, 18.1776, 11.7588
YIQ	118.5220, 24.7130, -1.8390

Conversions

Conversions Part 2

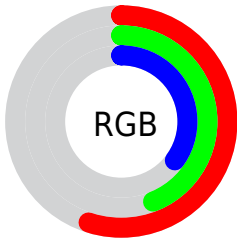
Format	Color
RYB	141, 135, 88
Decimal	9269592
CIELab	49.71, 7.33, 18.05
CIElCh	50, 19.484, 67.898
Yxy	18.1776, 0.3839, 0.3741
Android (android.graphics.Color)	4287459672 (0xFF8D7158)
YUV	118.5220, -15.0473, 19.7132
Hunter-Lab	42.6352, 3.4859, 13.4924

Details

The Yxy color **18.1776, 0.3839, 0.3741** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.4962, 0.2549, 0.2788**, and the grayscale version is **18.3326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.4810, 0.3676, 0.3647**, and **6.0716, 0.4141, 0.3911** is the 20% darker color. If you saturate the color by 10%, you get **16.3714, 0.4086, 0.3861**, and if you desaturate by 10%, it is **20.1674, 0.3616, 0.3617**.

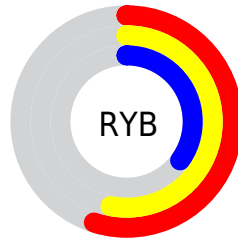
Distribution



Red (55%)

Green (44%)

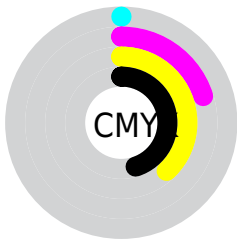
Blue (35%)



Red (55%)

Yellow (53%)

Blue (35%)

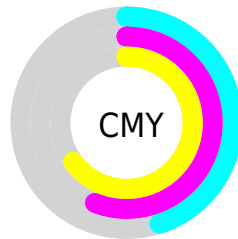


Cyan (0%)

Magenta (20%)

Yellow (38%)

Black (45%)



Cyan (45%)

Magenta (56%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.1776, 0.3839, 0.3741 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 18.1776, 0.3839, 0.3741 by changing the saturation by 10% instead.


 18.1776, 0.3839,
0.3741


 18.1776, 0.3839,
0.3741


241.8702, 0.3427,
0.3490


 11.0776, 0.3965,
0.3812


 40.3397, 0.3673,
0.3643


 6.1190, 0.4144,
0.3907

 56.1706, 0.3616,
0.3609

 2.9176, 0.4411,
0.4037

 75.6805, 0.3569,
0.3580

 1.0889, 0.5353,
0.4647

 99.2540, 0.3531,
0.3556

 0.0000, 1.0000,
0.0000

 127.2752, 0.3499,
0.3536

 0.0000, 0.0000,
0.0000

160.1288, 0.3471,

0.3518

198.1990, 0.3447,
0.3503

■ 18.1776, 0.3839,
0.3741

■ 18.1776, 0.3839,
0.3741

■ 16.3714, 0.4086,
0.3861

■ 20.1674, 0.3616,
0.3617

■ 14.7402, 0.4353,
0.3967

■ 22.3438, 0.3418,
0.3494

■ 13.2788, 0.4632,
0.4051

■ 24.7129, 0.3244,
0.3376

■ 11.9803, 0.4910,
0.4099

■ 27.2798, 0.3093,
0.3264

■ 10.8374, 0.5170,
0.4102

■ 30.0493, 0.2960,
0.3160

■ 9.8388, 0.5401,
0.4060

■ 33.0260, 0.2845,
0.3064

■ 9.6167, 0.5458,
0.4049

■ 36.2146, 0.2745,
0.2975

■ 39.6192, 0.2658,
0.2894

■ 43.2442, 0.2582,
0.2820

Harmonies

Analogous

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



18.1776, 0.3850, 0.3457



18.1776, 0.3839, 0.3741



18.1776, 0.3629, 0.3928

Triad

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



18.1776, 0.3839, 0.3741



18.1776, 0.2619, 0.3405



18.1776, 0.2931, 0.2724

Complementary

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



18.1776, 0.3839, 0.3741



16.4962, 0.2549, 0.2788

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.



18.1776, 0.2626, 0.2686



18.1776, 0.3839, 0.3741



18.1776, 0.2454, 0.3053

Square

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



18.1776, 0.3839, 0.3741



18.1776, 0.2921, 0.3744



18.1776, 0.2457, 0.2797



18.1776, 0.3308, 0.2892

Rectangle

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



18.1776, 0.3839, 0.3741



18.1776, 0.3412, 0.3959



18.1776, 0.2457, 0.2797



18.1776, 0.2817, 0.2696

Sweetspot

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



18.1785, 0.3839, 0.3741



42.6579, 0.3305, 0.3418



13.9122, 0.3535, 0.2787



9.4169, 0.3325, 0.3432



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



18.1785, 0.3839, 0.3741



29.8148, 0.4044, 0.3842



24.9078, 0.3682, 0.4165



5.8170, 0.3271, 0.3394



8.7973, 0.5452, 0.4053



0.1276, 0.4817, 0.4558

Inverse Universe

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



16.4962, 0.2549, 0.2788



26.3547, 0.2420, 0.2653



11.2726, 0.2471, 0.2234



5.6972, 0.2990, 0.3184



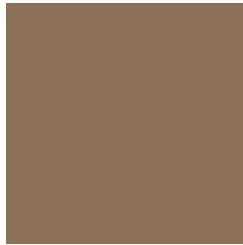
6.3164, 0.1810, 0.1715



0.1046, 0.2016, 0.2456

Previews

White Background



This preview shows how the Yxy color 18.1776, 0.3839, 0.3741 looks on a white background.

Color Contrast Check

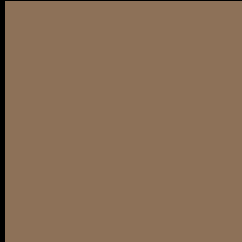
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1776, 0.3839, 0.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

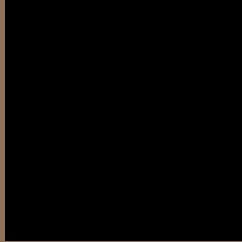
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1776, 0.3839, 0.3741

Background



This preview shows how black text looks on a background with the Yxy color 18.1776, 0.3839, 0.3741.



This preview shows how white text looks on a background with the Yxy color 18.1776, 0.3839, 0.3741.

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

18.1776, 0.3839, 0.3741

Protanopia

18.2071, 0.3590, 0.3827

Deuteranopia

18.0903, 0.3825, 0.3744



Tritanopia

18.1509, 0.3504, 0.3151

Trichromacy



Original Color

18.1776, 0.3839, 0.3741

Protanomaly

18.1176, 0.3682, 0.3798

Deuteranomaly

18.0903, 0.3825, 0.3744

Tritanomaly

18.0321, 0.3637, 0.3363

Monochromacy



Original Color

18.1776, 0.3839, 0.3741

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.3173, 0.3367, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1776, 0.3839, 0.3741 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(141, 113, 88)` looks like.

```
.text, #text, p{  
    color:rgb(141, 113, 88)  
}
```

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(141, 113, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 113, 88) }
```

Border

The CSS property to change the border of an element to Yxy 18.1776, 0.3839, 0.3741 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(141, 113, 88) }
```

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

```
.border{ border-color:rgb(141, 113, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 113, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 113, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 113, 88);  
box-shadow:4px 4px 4px 4px rgb(141, 113,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1776, 0.3839, 0.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 113, 88) }
```

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

```
.background{ background-color: rgb(141,  
113, 88) }
```

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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