

Converting Colors

$Y_{xy}(17.5185, 0.3845, 0.3670)$

Have a look what the booklet for
Yxy(17.5185, 0.3845, 0.3670)
contains.

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Color

Yxy(17.5358, 0.3844, 0.3671)

Conversions

Conversions Part 1

Format	Color
Hex	8D6E59
RGB	141, 110, 89
RGB Percent	55%, 43%, 35%
CMY	0.4471, 0.5686, 0.6509
CMYK	0.00, 0.22, 0.37, 0.45
HSL	24°, 23%, 45%
HSV	24°, 37%, 55%
XYZ	18.3622, 17.5358, 11.8705
YIQ	116.8750, 25.2170, 0.0410

Conversions

Conversions Part 2

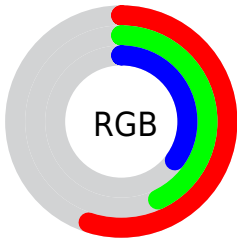
Format	Color
R_{YB}	141, 124, 89
Decimal	9268825
CIE Lab	48.93, 9.18, 16.40
CIE LCh	49, 18.797, 60.759
Yxy	17.5358, 0.3844, 0.3671
Android (android.graphics.Color)	4287458905 (0xFF8D6E59)
YUV	116.8750, -13.7424, 21.1576
Hunter-Lab	41.8758, 4.9882, 12.5062

Details

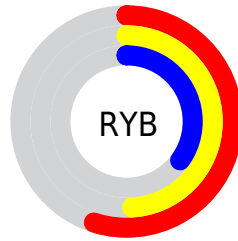
The Yxy color **17.5358, 0.3844, 0.3671** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.4775, 0.2570, 0.2872**, and the grayscale version is **17.7862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4405, 0.3678, 0.3595**, and **5.7435, 0.4162, 0.3807** is the 20% darker color. If you saturate the color by 10%, you get **15.5937, 0.4106, 0.3775**, and if you desaturate by 10%, it is **19.6970, 0.3612, 0.3564**.

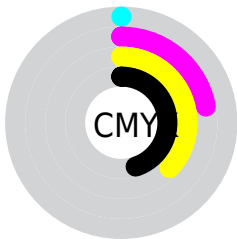
Distribution



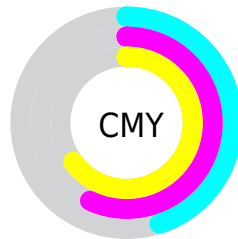
- Red (55%)
- Green (43%)
- Blue (35%)



- Red (55%)
- Yellow (49%)
- Blue (35%)



- Cyan (0%)
- Magenta (22%)
- Yellow (37%)
- Black (45%)





- Cyan (45%)
- Magenta (57%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5358, 0.3844, 0.3671 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 17.5358, 0.3844, 0.3671 by changing the saturation by 10% instead.


 17.5358, 0.3844,
0.3671


 17.5358, 0.3844,
0.3671


238.2414, 0.3426,
0.3460


 10.6172, 0.3974,
0.3730


 39.2447, 0.3675,
0.3589


 5.8101, 0.4160,
0.3809

 54.8039, 0.3616,
0.3560


 2.7299, 0.4444,
0.3914

 74.0120, 0.3569,
0.3536

 0.9924, 0.5486,
0.4514

 97.2536, 0.3531,
0.3516

 0.0000, 1.0000,
0.0000

 124.9129, 0.3498,
0.3498

 0.0000, 0.0000,
0.0000

157.3744, 0.3470,

0.3484

195.0224, 0.3447,
0.3471

■ 17.5358, 0.3844,
0.3671

■ 17.5358, 0.3844,
0.3671

■ 15.5937, 0.4106,
0.3775

■ 19.6970, 0.3612,
0.3564

■ 13.8607, 0.4394,
0.3867

■ 22.0816, 0.3409,
0.3458

■ 12.3299, 0.4701,
0.3937

■ 24.6972, 0.3233,
0.3356

■ 10.9928, 0.5012,
0.3975

■ 27.5501, 0.3082,
0.3261

■ 9.8403, 0.5307,
0.3967

■ 30.6464, 0.2952,
0.3172

■ 8.8601, 0.5567,
0.3915

■ 33.9918, 0.2840,
0.3091

■ 8.5834, 0.5649,
0.3897

■ 37.5921, 0.2743,
0.3016

■ 41.4526, 0.2659,
0.2948

■ 45.5787, 0.2586,
0.2885

Harmonies

Analogous

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



17.5358, 0.3804, 0.3382



17.5358, 0.3844, 0.3671



17.5358, 0.3681, 0.3883

Triad

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



17.5358, 0.3844, 0.3671



17.5358, 0.2690, 0.3487



17.5358, 0.2856, 0.2715

Complementary

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



17.5358, 0.3844, 0.3671



17.4775, 0.2570, 0.2872

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.



17.5358, 0.2584, 0.2712



17.5358, 0.3844, 0.3671



17.5358, 0.2493, 0.3135

Square

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



17.5358, 0.3844, 0.3671



17.5358, 0.3009, 0.3795



17.5358, 0.2456, 0.2856



17.5358, 0.3215, 0.2852

Rectangle

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



17.5358, 0.3844, 0.3671



17.5358, 0.3486, 0.3943



17.5358, 0.2456, 0.2856



17.5358, 0.2752, 0.2698

Sweetspot

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



17.5366, 0.3844, 0.3671



42.1388, 0.3307, 0.3400



14.1690, 0.3470, 0.2738



9.2901, 0.3327, 0.3412



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.



17.5366, 0.3844, 0.3671



28.5707, 0.4053, 0.3755



23.9318, 0.3690, 0.4096



5.7594, 0.3272, 0.3379



7.8577, 0.5642, 0.3902



0.1165, 0.4946, 0.4455

Inverse Universe

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



17.4775, 0.2570, 0.2872



28.4385, 0.2452, 0.2762



12.0897, 0.2496, 0.2330



5.7557, 0.2990, 0.3199



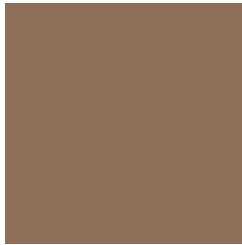
7.5720, 0.1874, 0.1946



0.1157, 0.2057, 0.2605

Previews

White Background



This preview shows how the Yxy color 17.5358, 0.3844, 0.3671 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 17.5358, 0.3844, 0.3671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

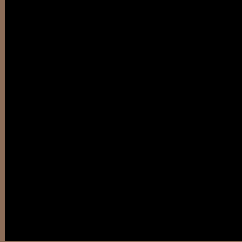
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5358, 0.3844, 0.3671

Background



This preview shows how black text looks on a background with the Yxy color 17.5358, 0.3844, 0.3671.



This preview shows how white text looks on a background with the Yxy color 17.5358, 0.3844, 0.3671.

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

17.5358, 0.3844, 0.3671

Protanopia

17.5486, 0.3532, 0.3759

Deuteranopia

17.6280, 0.3775, 0.3715



Tritanopia

17.4752, 0.3541, 0.3133

Trichromacy



Original Color

17.5358, 0.3844, 0.3671

Protanomaly

17.5358, 0.3639, 0.3729

Deuteranomaly

17.4934, 0.3795, 0.3695

Tritanomaly

17.3956, 0.3650, 0.3309

Monochromacy



Original Color

17.5358, 0.3844, 0.3671

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.5318, 0.3375, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5358, 0.3844, 0.3671 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, 110, 89)` looks like.

```
.text, #text, p{  
    color:rgb(141, 110, 89)  
}
```

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, 110, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 110, 89) }
```

Border

The CSS property to change the border of an element to Yxy 17.5358, 0.3844, 0.3671 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, 110, 89) }
```

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

```
.border{ border-color:rgb(141, 110, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 110, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 110, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 110, 89);  
box-shadow:4px 4px 4px 4px rgb(141, 110,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5358, 0.3844, 0.3671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 110, 89) }
```

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

```
.background{ background-color: rgb(141,  
110, 89) }
```

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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