

Converting Colors

$Y_{xy}(17.3534, 0.3820, 0.3777)$

Have a look what the booklet for
Yxy(17.3534, 0.3820, 0.3777)
contains.

Yxy(17.2590, 0.3821, 0.3773)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.2590, 0.3821, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	886F55
RGB	136, 111, 85
RGB Percent	53%, 44%, 33%
CMY	0.4666, 0.5647, 0.6666
CMYK	0.00, 0.18, 0.37, 0.47
HSL	31°, 23%, 43%
HSV	31°, 37%, 53%
XYZ	17.4786, 17.2590, 11.0059
YIQ	115.5110, 23.2460, -2.7860

Conversions

Conversions Part 2

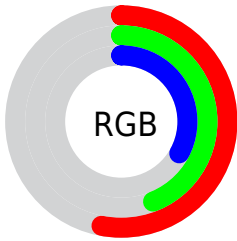
Format	Color
R_{YB}	134, 136, 85
Decimal	8941397
CIE Lab	48.58, 5.95, 18.19
CIE LCh	49, 19.137, 71.887
Yxy	17.2590, 0.3821, 0.3773
Android (android.graphics.Color)	4287131477 (0xFF886F55)
YUV	115.5110, -15.0419, 17.9689
Hunter-Lab	41.5440, 2.3974, 13.3736

Details

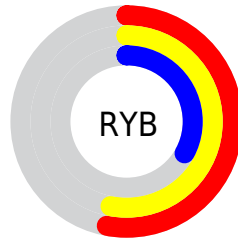
The Yxy color **17.2590, 0.3821, 0.3773** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.8645, 0.2546, 0.2749**, and the grayscale version is **17.3500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8908, 0.3652, 0.3669**, and **5.6395, 0.4122, 0.3935** is the 20% darker color. If you saturate the color by 10%, you get **15.6625, 0.4057, 0.3901**, and if you desaturate by 10%, it is **19.0073, 0.3606, 0.3640**.

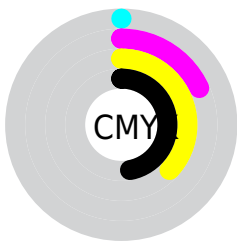
Distribution



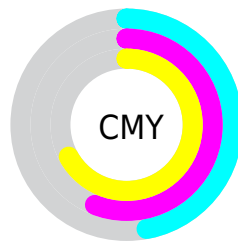
- Red (53%)
- Green (44%)
- Blue (33%)



- Red (53%)
- Yellow (53%)
- Blue (33%)



- Cyan (0%)
- Magenta (18%)
- Yellow (37%)
- Black (47%)



- Cyan (47%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.2590, 0.3821, 0.3773 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 17.2590, 0.3821, 0.3773 by changing the saturation by 10% instead.

■ 17.2590, 0.3821,
0.3773

■ 17.2590, 0.3821,
0.3773

■ 236.6605, 0.3417,
0.3500

■ 10.4193, 0.3946,
0.3852

■ 38.7706, 0.3658,
0.3666

■ 5.6779, 0.4123,
0.3959

■ 54.2112, 0.3602,
0.3628

■ 2.6502, 0.4391,
0.4108

■ 73.2877, 0.3556,
0.3597

■ 0.9520, 0.5282,
0.4718

■ 96.3843, 0.3518,
0.3571

■ 0.0000, 0.0000,
0.0000

■ 123.8855, 0.3487,
0.3549

156.1757, 0.3460,

0.3531

193.6392, 0.3437,
0.3514

■ 17.2590, 0.3821,
0.3773

■ 17.2590, 0.3821,
0.3773

■ 15.6625, 0.4057,
0.3901

■ 19.0073, 0.3606,
0.3640

■ 14.2107, 0.4311,
0.4017

■ 20.9096, 0.3413,
0.3508

■ 12.8993, 0.4573,
0.4109

■ 22.9708, 0.3242,
0.3381

■ 11.7229, 0.4832,
0.4167

■ 25.1951, 0.3091,
0.3261

■ 10.6753, 0.5073,
0.4180

■ 27.5864, 0.2960,
0.3149

■ 9.7471, 0.5288,
0.4148

■ 30.1483, 0.2844,
0.3045

■ 9.5303, 0.5343,
0.4139

■ 32.8845, 0.2743,
0.2949

■ 35.7986, 0.2655,
0.2862

■ 38.8939, 0.2577,
0.2781

Harmonies

Analogous

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



17.2590, 0.3861, 0.3497



17.2590, 0.3821, 0.3773



17.2590, 0.3589, 0.3941

Triad

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



17.2590, 0.3821, 0.3773



17.2590, 0.2588, 0.3356



17.2590, 0.2979, 0.2740

Complementary

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



17.2590, 0.3821, 0.3773



14.8645, 0.2546, 0.2749

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.



17.2590, 0.2660, 0.2683



17.2590, 0.3821, 0.3773



17.2590, 0.2445, 0.3012

Square

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



17.2590, 0.3821, 0.3773



17.2590, 0.2875, 0.3704



17.2590, 0.2471, 0.2774



17.2590, 0.3358, 0.2922

Rectangle

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



17.2590, 0.3821, 0.3773



17.2590, 0.3364, 0.3954



17.2590, 0.2471, 0.2774



17.2590, 0.2862, 0.2705

Sweetspot

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



17.2598, 0.3821, 0.3773



39.0847, 0.3303, 0.3428



12.8700, 0.3559, 0.2820



8.9539, 0.3323, 0.3442



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



17.2598, 0.3821, 0.3773



28.0103, 0.4020, 0.3882



23.5012, 0.3669, 0.4186



5.4424, 0.3269, 0.3402



9.0378, 0.5340, 0.4142



0.0893, 0.4750, 0.4610

Inverse Universe

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



14.8645, 0.2546, 0.2749



23.1563, 0.2413, 0.2601



10.2077, 0.2470, 0.2204



5.2707, 0.2991, 0.3176



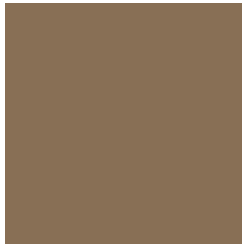
5.4652, 0.1776, 0.1591



0.0655, 0.1991, 0.2366

Previews

White Background



This preview shows how the Yxy color 17.2590, 0.3821, 0.3773 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 17.2590, 0.3821, 0.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

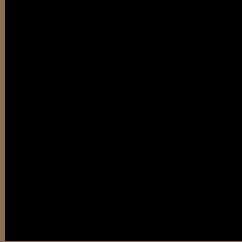
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.2590, 0.3821, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 17.2590, 0.3821, 0.3773.



This preview shows how white text looks on a background with the Yxy color 17.2590, 0.3821, 0.3773.

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

17.2590, 0.3821, 0.3773

Protanopia

17.2347, 0.3601, 0.3839

Deuteranopia

17.3431, 0.3835, 0.3771



Tritanopia

17.2422, 0.3468, 0.3147

Trichromacy



Original Color

17.2590, 0.3821, 0.3773

Protanomaly

17.2957, 0.3675, 0.3830

Deuteranomaly

17.3431, 0.3835, 0.3771

Tritanomaly

17.1279, 0.3603, 0.3365

Monochromacy



Original Color

17.2590, 0.3821, 0.3773

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.2655, 0.3359, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2590, 0.3821, 0.3773 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(136, 111, 85)` looks like.

```
.text, #text, p{  
    color:rgb(136, 111, 85)  
}
```

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(136, 111, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 111, 85) }
```

Border

The CSS property to change the border of an element to Yxy 17.2590, 0.3821, 0.3773 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(136, 111, 85) }
```

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

```
.border{ border-color:rgb(136, 111, 85) }
```

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

Here you see how a box with a 4 pixel rgb(136, 111, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 111, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 111, 85);  
box-shadow:4px 4px 4px 4px rgb(136, 111,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2590, 0.3821, 0.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 111, 85) }
```

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

```
.background{ background-color: rgb(136,  
111, 85) }
```

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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