

Converting Colors

$Y_{xy}(14.8254, 0.4080, 0.3872)$

Have a look what the booklet for
Yxy(14.8254, 0.4080, 0.3872)
contains.

Yxy(14.8179, 0.4077, 0.3875)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(14.8179, 0.4077, 0.3875)

Conversions

Conversions Part 1

Format	Color
Hex	866546
RGB	134, 101, 70
RGB Percent	53%, 40%, 27%
CMY	0.4745, 0.6039, 0.7255
CMYK	0.00, 0.25, 0.48, 0.47
HSL	29°, 31%, 40%
HSV	29°, 48%, 53%
XYZ	15.5903, 14.8179, 7.8315
YIQ	107.3330, 29.6190, -2.6450

Conversions

Conversions Part 2

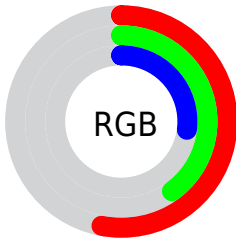
Format	Color
RYB	134, 130, 70
Decimal	8807750
CIELab	45.38, 9.12, 22.66
CIELCh	45, 24.424, 68.086
Yxy	14.8179, 0.4077, 0.3875
Android (android.graphics.Color)	4286997830 (0xFF866546)
YUV	107.3330, -18.4052, 23.3870
Hunter-Lab	38.4940, 4.9292, 14.8834

Details

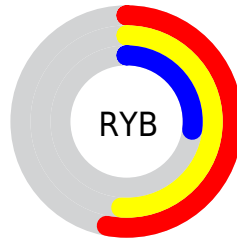
The Yxy color **14.8179, 0.4077, 0.3875** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.7210, 0.2393, 0.2607**, and the grayscale version is **14.8465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.6072, 0.3846, 0.3745**, and **4.5068, 0.4501, 0.4069** is the 20% darker color. If you saturate the color by 10%, you get **13.3823, 0.4338, 0.3984**, and if you desaturate by 10%, it is **16.4054, 0.3834, 0.3753**.

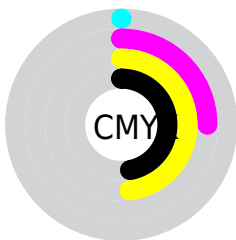
Distribution



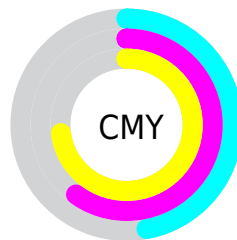
- Red (53%)
- Green (40%)
- Blue (27%)



- Red (53%)
- Yellow (51%)
- Blue (27%)



- Cyan (0%)
- Magenta (25%)
- Yellow (48%)
- Black (47%)





- Cyan (47%)
- Magenta (60%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8179, 0.4077, 0.3875 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 14.8179, 0.4077, 0.3875 by changing the saturation by 10% instead.


 14.8179, 0.4077,
0.3875


 14.8179, 0.4077,
0.3875


222.2614, 0.3514,
0.3546

 8.6917, 0.4254,
0.3966


 34.5334, 0.3847,
0.3748


 4.5406, 0.4505,
0.4082

 48.8915, 0.3768,
0.3702


 1.9803, 0.5042,
0.4362

 66.7623, 0.3705,
0.3664

 0.5960, 0.5697,
0.4303

 88.5303, 0.3653,
0.3633

 0.0000, 0.0000,
0.0000

 114.5798, 0.3610,
0.3606

145.2952, 0.3573,

0.3583

181.0609, 0.3541,
0.3563

■ 14.8179, 0.4077,
0.3875

■ 14.8179, 0.4077,
0.3875

■ 13.3823, 0.4338,
0.3984

■ 16.4054, 0.3834,
0.3753

■ 12.0912, 0.4611,
0.4071

■ 18.1478, 0.3615,
0.3626

■ 10.9397, 0.4881,
0.4123

■ 20.0503, 0.3419,
0.3501

■ 9.9213, 0.5134,
0.4129

■ 22.1176, 0.3246,
0.3379

■ 9.0261, 0.5361,
0.4093

■ 24.3537, 0.3095,
0.3265

■ 8.8401, 0.5413,
0.4084

■ 26.7629, 0.2963,
0.3158

■ 29.3490, 0.2848,
0.3060

■ 32.1159, 0.2748,
0.2969

■ 35.0672, 0.2660,
0.2886

Harmonies

Analogous

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



14.8179, 0.4102, 0.3497



14.8179, 0.4077, 0.3875



14.8179, 0.3786, 0.4143

Triad

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



14.8179, 0.4077, 0.3875



14.8179, 0.2449, 0.3435



14.8179, 0.2864, 0.2552

Complementary

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



14.8179, 0.4077, 0.3875



12.7210, 0.2393, 0.2607

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.



14.8179, 0.2466, 0.2496



14.8179, 0.4077, 0.3875



14.8179, 0.2242, 0.2958

Square

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



14.8179, 0.4077, 0.3875



14.8179, 0.2841, 0.3910



14.8179, 0.2249, 0.2629



14.8179, 0.3368, 0.2769

Rectangle

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



14.8179, 0.4077, 0.3875



14.8179, 0.3492, 0.4198



14.8179, 0.2249, 0.2629



14.8179, 0.2714, 0.2514

Sweetspot

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



14.8186, 0.4077, 0.3875



36.5537, 0.3357, 0.3458



10.4282, 0.3711, 0.2674



8.0859, 0.3390, 0.3481



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



14.8186, 0.4077, 0.3875



23.4619, 0.4352, 0.3989



22.2667, 0.3813, 0.4396



5.0335, 0.3268, 0.3395



8.3060, 0.5409, 0.4087



0.0433, 0.4793, 0.4576

Inverse Universe

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



12.7210, 0.2393, 0.2607



19.3080, 0.2240, 0.2423



7.5371, 0.2263, 0.1877



4.9120, 0.2992, 0.3182



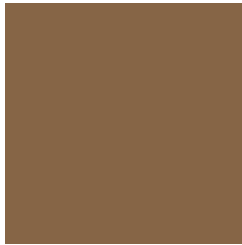
5.6320, 0.1799, 0.1677



0.0341, 0.2007, 0.2426

Previews

White Background



This preview shows how the Yxy color 14.8179, 0.4077, 0.3875 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 14.8179, 0.4077, 0.3875 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 14.8179, 0.4077, 0.3875

Background



This preview shows how black text looks on a background with the Yxy color 14.8179, 0.4077, 0.3875.



This preview shows how white text looks on a background with the Yxy color 14.8179, 0.4077, 0.3875.

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

14.8179, 0.4077, 0.3875

Protanopia

14.9881, 0.3722, 0.4013

Deuteranopia

14.8885, 0.3998, 0.3926



Tritanopia

14.8672, 0.3634, 0.3162

Trichromacy



Original Color

14.8179, 0.4077, 0.3875

Protanomaly

14.7820, 0.3848, 0.3953

Deuteranomaly

14.7702, 0.4022, 0.3904

Tritanomaly

14.7423, 0.3800, 0.3405

Monochromacy



Original Color

14.8179, 0.4077, 0.3875

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.6932, 0.3450, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8179, 0.4077, 0.3875 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(134, 101, 70)` looks like.

```
.text, #text, p{  
    color:rgb(134, 101, 70)  
}
```

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(134, 101, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 101, 70) }
```

Border

The CSS property to change the border of an element to Yxy 14.8179, 0.4077, 0.3875 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(134, 101, 70) }
```

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

```
.border{ border-color:rgb(134, 101, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 101, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 101, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 101, 70);  
box-shadow:4px 4px 4px 4px rgb(134, 101,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8179, 0.4077, 0.3875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 101, 70) }
```

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

```
.background{ background-color: rgb(134,  
101, 70) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor