

Converting Colors

$Y_{xy}(30.5296, 0.3876, 0.3516)$

Have a look what the booklet for
Yxy(30.5296, 0.3876, 0.3516)
contains.

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Color

Yxy(30.4009, 0.3883, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	BD8A7A
RGB	189, 138, 122
RGB Percent	74%, 54%, 48%
CMY	0.2589, 0.4588, 0.5216
CMYK	0.00, 0.27, 0.35, 0.26
HSL	14°, 34%, 61%
HSV	14°, 35%, 74%
XYZ	33.5837, 30.4009, 22.5045
YIQ	151.4250, 35.5320, 5.8360

Conversions

Conversions Part 2

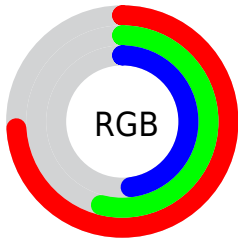
Format	Color
RYB	189, 143, 122
Decimal	12421754
CIELab	62.00, 17.28, 16.23
CIElCh	62, 23.708, 43.206
Yxy	30.4009, 0.3883, 0.3515
Android (android.graphics.Color)	4290611834 (0xFFBD8A7A)
YUV	151.4250, -14.5065, 32.9533
Hunter-Lab	55.1370, 12.2337, 14.3964

Details

The Yxy color **30.4009, 0.3883, 0.3515** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **37.6790, 0.2602, 0.3050**, and the grayscale version is **31.1911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5294, 0.3734, 0.3485**, and **12.5288, 0.4149, 0.3579** is the 20% darker color. If you saturate the color by 10%, you get **26.1222, 0.4191, 0.3578**, and if you desaturate by 10%, it is **35.3197, 0.3620, 0.3449**.

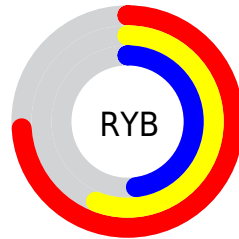
Distribution



Red (74%)

Green (54%)

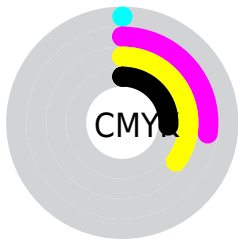
Blue (48%)



Red (74%)

Yellow (56%)

Blue (48%)

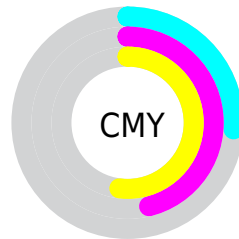


Cyan (0%)

Magenta (27%)

Yellow (35%)

Black (26%)



Cyan (26%)


Magenta (46%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4009, 0.3883, 0.3515 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 30.4009, 0.3883, 0.3515 by changing the saturation by 10% instead.


 30.4009, 0.3883,
0.3515


 30.4009, 0.3883,
0.3515


303.7687, 0.3475,
0.3406

 20.1431, 0.3995,
0.3540


 60.2956, 0.3727,
0.3477

 12.4991, 0.4146,
0.3569


 80.7013, 0.3671,
0.3462

 7.0845, 0.4358,
0.3604


 105.2584, 0.3624,
0.3449

 3.5150, 0.4674,
0.3639

134.3512, 0.3585,
0.3438

 1.4062, 0.5376,
0.3786

168.3643, 0.3551,
0.3429

 0.2213, 0.7407,
0.2593

207.6820, 0.3522,

 0.0000, 0.0000,

0.3420

0.0000

252.6887, 0.3497,
0.3413

■ 30.4009, 0.3883,
0.3515

■ 30.4009, 0.3883,
0.3515

■ 26.1222, 0.4191,
0.3578

■ 35.3197, 0.3620,
0.3449

■ 22.4526, 0.4543,
0.3632

■ 40.8993, 0.3399,
0.3384

■ 19.3652, 0.4929,
0.3667


■ 47.1648, 0.3215,
0.3322

■ 16.8289, 0.5324,
0.3674


■ 54.1385, 0.3061,
0.3264


■ 14.8098, 0.5692,
0.3643

■ 61.8418, 0.2932,
0.3212

 13.2696, 0.5988,
0.3572

 70.2954, 0.2825,
0.3164

 12.7100, 0.6102,
0.3537

 79.5188, 0.2734,
0.3120

 88.3049, 0.2745,
0.3268

 89.5567, 0.2747,
0.3289

Harmonies

Analogous

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



30.4009, 0.3715, 0.3203



30.4009, 0.3883, 0.3515



30.4009, 0.3832, 0.3795

Triad

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



30.4009, 0.3883, 0.3515



30.4009, 0.2853, 0.3702



30.4009, 0.2660, 0.2668

Complementary

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



30.4009, 0.3883, 0.3515



37.6790, 0.2602, 0.3050

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.



30.4009, 0.2460, 0.2753



30.4009, 0.3883, 0.3515



30.4009, 0.2565, 0.3340

Square

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



30.4009, 0.3883, 0.3515



30.4009, 0.3226, 0.3937



30.4009, 0.2426, 0.2991



30.4009, 0.2992, 0.2732

Rectangle

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



30.4009, 0.3883, 0.3515



30.4009, 0.3686, 0.3924



30.4009, 0.2426, 0.2991



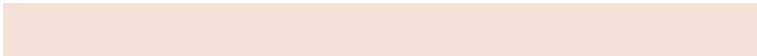
30.4009, 0.2577, 0.2679

Sweetspot

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



30.4023, 0.3883, 0.3515



77.9124, 0.3316, 0.3357



27.7624, 0.3336, 0.2607



16.4333, 0.3342, 0.3365



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



30.4023, 0.3883, 0.3515



48.0661, 0.4133, 0.3568



41.3915, 0.3729, 0.3949



9.8971, 0.3282, 0.3346



8.6544, 0.6081, 0.3554



0.4441, 0.5603, 0.3933

Inverse Universe

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



37.6790, 0.2602, 0.3050



63.1000, 0.2492, 0.2985



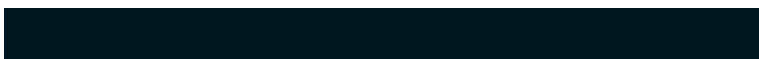
26.5221, 0.2531, 0.2527



10.4121, 0.2985, 0.3234



15.9708, 0.2030, 0.2507



0.7208, 0.2088, 0.2716

Previews

White Background



This preview shows how the Yxy color 30.4009, 0.3883, 0.3515 looks on a white background.

Color Contrast Check

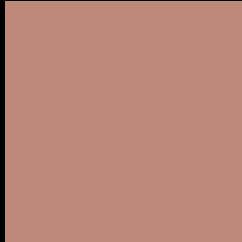
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 30.4009, 0.3883, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

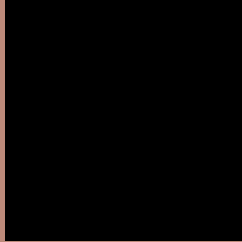
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4009, 0.3883, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 30.4009, 0.3883, 0.3515.



This preview shows how white text looks on a background with the Yxy color 30.4009, 0.3883, 0.3515.

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

30.4009, 0.3883, 0.3515

Protanopia

30.6403, 0.3426, 0.3632

Deuteranopia

30.4410, 0.3709, 0.3630



Tritanopia

30.4486, 0.3653, 0.3155

Trichromacy



Original Color

30.4009, 0.3883, 0.3515

Protanomaly

30.4991, 0.3580, 0.3591

Deuteranomaly

30.4298, 0.3774, 0.3595

Tritanomaly

30.3616, 0.3731, 0.3278

Monochromacy



Original Color

30.4009, 0.3883, 0.3515

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.4506, 0.3390, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4009, 0.3883, 0.3515 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(189, 138, 122)` looks like.

```
.text, #text, p{  
    color:rgb(189, 138, 122)  
}
```

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(189, 138, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 138, 122) }
```

Border

The CSS property to change the border of an element to Yxy 30.4009, 0.3883, 0.3515 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(189, 138, 122) }
```

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

```
.border{ border-color:rgb(189, 138, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 138, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 138, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 138, 122);  
box-shadow:4px 4px 4px 4px rgb(189, 138,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4009, 0.3883, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 138, 122) }
```

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

```
.background{ background-color: rgb(189,  
138, 122) }
```

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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