

Converting Colors

$Yxy(30.7547, 0.3872, 0.3808)$

Have a look what the booklet for
Yxy(30.7547, 0.3872, 0.3808)
contains.

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Color

Yxy(30.8199, 0.3865, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	B2916D
RGB	178, 145, 109
RGB Percent	70%, 57%, 43%
CMY	0.3021, 0.4313, 0.5726
CMYK	0.00, 0.19, 0.39, 0.30
HSL	31°, 31%, 56%
HSV	31°, 39%, 70%
XYZ	31.2402, 30.8199, 18.7684
YIQ	150.7630, 31.2240, -4.2000

Conversions

Conversions Part 2

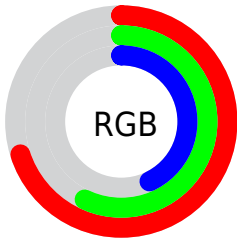
Format	Color
RYB	172, 178, 109
Decimal	11702637
CIELab	62.36, 7.32, 23.79
CIELCh	62, 24.891, 72.892
Yxy	30.8199, 0.3865, 0.3813
Android (android.graphics.Color)	4289892717 (0xFFB2916D)
YUV	150.7630, -20.5892, 23.8868
Hunter-Lab	55.5157, 3.2945, 18.8166

Details

The Yxy color **30.8199, 0.3865, 0.3813** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **25.7939, 0.2510, 0.2698**, and the grayscale version is **30.9200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0822, 0.3716, 0.3714**, and **12.8064, 0.4109, 0.3972** is the 20% darker color. If you saturate the color by 10%, you get **27.9738, 0.4108, 0.3945**, and if you desaturate by 10%, it is **33.9410, 0.3642, 0.3674**.

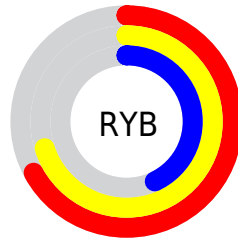
Distribution



Red (70%)

Green (57%)

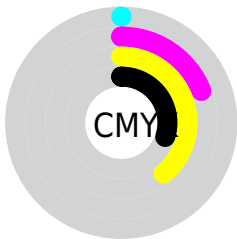
Blue (43%)



Red (67%)

Yellow (70%)

Blue (43%)

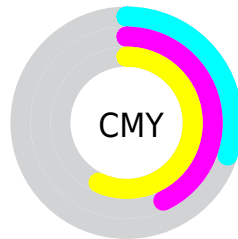


Cyan (0%)

Magenta (19%)

Yellow (39%)

Black (30%)



Cyan (30%)


Magenta (43%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.8199, 0.3865, 0.3813 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 30.8199, 0.3865, 0.3813 by changing the saturation by 10% instead.


 30.8199, 0.3865,
0.3813


 30.8199, 0.3865,
0.3813


305.7077, 0.3471,
0.3544

 20.4617, 0.3971,
0.3881


 60.9564, 0.3716,
0.3714

 12.7311, 0.4110,
0.3967


 81.5036, 0.3662,
0.3677

 7.2437, 0.4300,
0.4079


 106.2158, 0.3617,
0.3646

 3.6150, 0.4571,
0.4223

 135.4776, 0.3579,
0.3620

 1.4606, 0.5309,
0.4691

169.6733, 0.3546,
0.3597

 0.2607, 0.6206,
0.3794

209.1873, 0.3518,

 0.0000, 0.0000,

0.3577

0.0000

254.4040, 0.3493,
0.3559

■ 30.8199, 0.3865,
0.3813

■ 30.8199, 0.3865,
0.3813

■ 27.9738, 0.4108,
0.3945

■ 33.9410, 0.3642,
0.3674

■ 25.3893, 0.4365,
0.4061

■ 37.3412, 0.3442,
0.3536

■ 23.0584, 0.4628,
0.4150

■ 41.0299, 0.3265,
0.3402

■ 20.9707, 0.4883,
0.4200

■ 45.0147, 0.3109,
0.3275

■ 19.1143, 0.5114,
0.4199

■ 49.3028, 0.2972,
0.3156


 17.4722, 0.5313,
0.4150

 53.9012, 0.2852,
0.3047

 17.2806, 0.5338,
0.4143

 58.8168, 0.2748,
0.2946

 64.0558, 0.2656,
0.2854

 68.6784, 0.2648,
0.2914

Harmonies

Analogous

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



30.8199, 0.3917, 0.3519



30.8199, 0.3865, 0.3813



30.8199, 0.3609, 0.3991

Triad

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



30.8199, 0.3865, 0.3813



30.8199, 0.2543, 0.3346



30.8199, 0.2981, 0.2708

Complementary

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



30.8199, 0.3865, 0.3813



25.7939, 0.2510, 0.2698

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.



30.8199, 0.2637, 0.2642



30.8199, 0.3865, 0.3813



30.8199, 0.2397, 0.2979

Square

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



30.8199, 0.3865, 0.3813



30.8199, 0.2844, 0.3725



30.8199, 0.2431, 0.2731



30.8199, 0.3388, 0.2906

Rectangle

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



30.8199, 0.3865, 0.3813



30.8199, 0.3365, 0.4002



30.8199, 0.2431, 0.2731



30.8199, 0.2855, 0.2670

Sweetspot

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



30.8213, 0.3865, 0.3813



72.0647, 0.3324, 0.3447



22.3604, 0.3609, 0.2809



15.7744, 0.3346, 0.3464



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



30.8213, 0.3865, 0.3813



51.2147, 0.4084, 0.3933



42.2583, 0.3687, 0.4238



9.2151, 0.3274, 0.3409



12.4959, 0.5322, 0.4157



0.5091, 0.4928, 0.4469

Inverse Universe

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



25.7939, 0.2510, 0.2698



40.7341, 0.2365, 0.2529



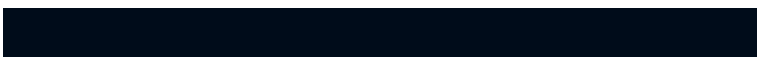
17.4735, 0.2437, 0.2135



8.8776, 0.2985, 0.3168



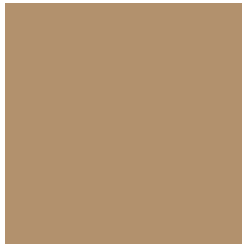
7.0773, 0.1758, 0.1529



0.3398, 0.1905, 0.2057

Previews

White Background



This preview shows how the Yxy color 30.8199, 0.3865, 0.3813 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 30.8199, 0.3865, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

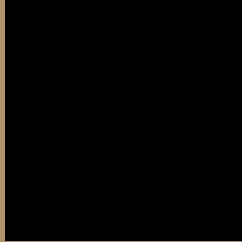
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8199, 0.3865, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 30.8199, 0.3865, 0.3813.



This preview shows how white text looks on a background with the Yxy color 30.8199, 0.3865, 0.3813.

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

30.8199, 0.3865, 0.3813

Protanopia

30.9845, 0.3627, 0.3889

Deuteranopia

30.9386, 0.3877, 0.3810



Tritanopia

30.9033, 0.3484, 0.3150

Trichromacy



Original Color

30.8199, 0.3865, 0.3813

Protanomaly

30.9674, 0.3712, 0.3862

Deuteranomaly

30.9386, 0.3877, 0.3810

Tritanomaly

30.9190, 0.3631, 0.3392

Monochromacy



Original Color

30.8199, 0.3865, 0.3813

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.8495, 0.3381, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8199, 0.3865, 0.3813 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(178, 145, 109)` looks like.

```
.text, #text, p{  
    color:rgb(178, 145, 109)  
}
```

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(178, 145, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 145, 109) }
```

Border

The CSS property to change the border of an element to Yxy 30.8199, 0.3865, 0.3813 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(178, 145, 109) }
```

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

```
.border{ border-color:rgb(178, 145, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 145, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 145, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 145, 109);  
box-shadow:4px 4px 4px 4px rgb(178, 145,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8199, 0.3865, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 145, 109) }
```

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

```
.background{ background-color: rgb(178,  
145, 109) }
```

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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