

Converting Colors

Yxy(31.2331, 0.4145, 0.3807)

Have a look what the booklet for
Yxy(31.2331, 0.4145, 0.3807)
contains.

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Color

Yxy(31.1848, 0.4149, 0.3803)

Conversions

Conversions Part 1

Format	Color
Hex	C28C66
RGB	194, 140, 102
RGB Percent	76%, 55%, 40%
CMY	0.2393, 0.4509, 0.6000
CMYK	0.00, 0.28, 0.47, 0.24
HSL	25°, 43%, 58%
HSV	25°, 47%, 76%
XYZ	34.0220, 31.1848, 16.7937
YIQ	151.8140, 44.3820, -0.3700

Conversions

Conversions Part 2

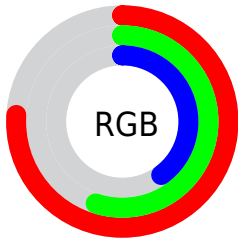
Format	Color
RYB	194, 167, 102
Decimal	12749926
CIELab	62.66, 15.95, 28.37
CIElCh	63, 32.544, 60.659
Yxy	31.1848, 0.4149, 0.3803
Android (android.graphics.Color)	4290940006 (0xFFC28C66)
YUV	151.8140, -24.5583, 36.9971
Hunter-Lab	55.8434, 11.0235, 21.2601

Details

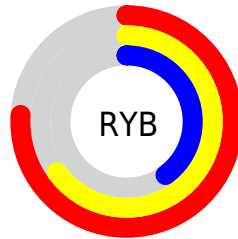
The Yxy color **31.1848, 0.4149, 0.3803** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **30.4853, 0.2397, 0.2696**, and the grayscale version is **31.4089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5789, 0.3942, 0.3724**, and **12.9819, 0.4486, 0.3934** is the 20% darker color. If you saturate the color by 10%, you get **27.6890, 0.4446, 0.3896**, and if you desaturate by 10%, it is **35.1178, 0.3878, 0.3696**.

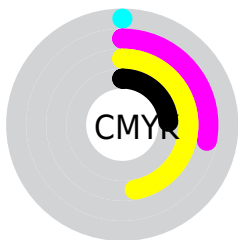
Distribution



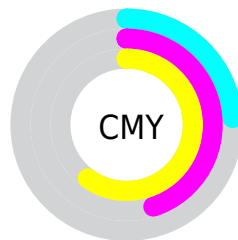
- Red (76%)
- Green (55%)
- Blue (40%)



- Red (76%)
- Yellow (65%)
- Blue (40%)



- Cyan (0%)
- Magenta (28%)
- Yellow (47%)
- Black (24%)





- Cyan (24%)
- Magenta (45%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1848, 0.4149, 0.3803 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 31.1848, 0.4149, 0.3803 by changing the saturation by 10% instead.


 31.1848, 0.4149,
0.3803


 31.1848, 0.4149,
0.3803


307.3888, 0.3604,
0.3553

 20.7396, 0.4294,
0.3859


 61.5309, 0.3944,
0.3716


 12.9338, 0.4482,
0.3925

 82.2006, 0.3869,
0.3682

 7.3830, 0.4737,
0.4000


 107.0473, 0.3806,
0.3652

 3.7027, 0.5098,
0.4078

 136.4553, 0.3753,
0.3627

 1.5087, 0.5777,
0.4223

170.8091, 0.3708,
0.3605

 0.2948, 0.6943,
0.3057

210.4930, 0.3669,

 0.0000, 0.0000,

0.3585

0.0000

255.8914, 0.3634,
0.3568

■ 31.1848, 0.4149,
0.3803

■ 31.1848, 0.4149,
0.3803

■ 27.6890, 0.4446,
0.3896

■ 35.1178, 0.3878,
0.3696

■ 24.6091, 0.4759,
0.3965

■ 39.4991, 0.3638,
0.3584

■ 21.9284, 0.5071,
0.3995


■ 44.3452, 0.3427,
0.3472


■ 19.6271, 0.5360,
0.3976

■ 49.6700, 0.3246,
0.3365


■ 17.6808, 0.5605,
0.3905


■ 55.4871, 0.3089,
0.3265

 17.2301, 0.5664,
0.3884

 61.8093, 0.2955,
0.3172

 68.6490, 0.2839,
0.3086

 75.8768, 0.2751,
0.3030

 82.4593, 0.2762,
0.3155

Harmonies

Analogous

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



31.1848, 0.4099, 0.3399



31.1848, 0.4149, 0.3803



31.1848, 0.3906, 0.4123

Triad

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



31.1848, 0.4149, 0.3803



31.1848, 0.2508, 0.3571



31.1848, 0.2736, 0.2495

Complementary

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



31.1848, 0.4149, 0.3803



30.4853, 0.2397, 0.2696

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.



31.1848, 0.2367, 0.2482



31.1848, 0.4149, 0.3803



31.1848, 0.2242, 0.3055

Square

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



31.1848, 0.4149, 0.3803



31.1848, 0.2949, 0.4033



31.1848, 0.2195, 0.2668



31.1848, 0.3243, 0.2681

Rectangle

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



31.1848, 0.4149, 0.3803



31.1848, 0.3624, 0.4228



31.1848, 0.2195, 0.2668



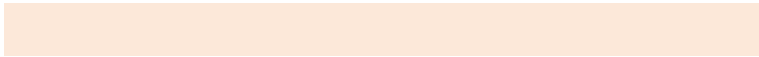
31.1848, 0.2594, 0.2469

Sweetspot

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



31.1863, 0.4149, 0.3803



83.3468, 0.3366, 0.3437



23.4096, 0.3627, 0.2565



17.7994, 0.3408, 0.3461



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



31.1863, 0.4149, 0.3803



49.8873, 0.4460, 0.3900



47.0368, 0.3869, 0.4338



10.7464, 0.3279, 0.3386



11.4831, 0.5641, 0.3903



0.6319, 0.5242, 0.4220

Inverse Universe

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



30.4853, 0.2397, 0.2696



48.4118, 0.2250, 0.2536



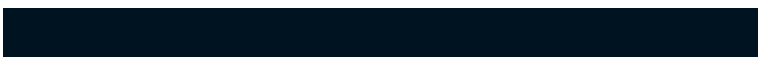
18.1293, 0.2262, 0.1960



10.7079, 0.2984, 0.3193



10.6123, 0.1859, 0.1892



0.5918, 0.1955, 0.2237

Previews

White Background



This preview shows how the Yxy color 31.1848, 0.4149, 0.3803 looks on a white background.

Color Contrast Check

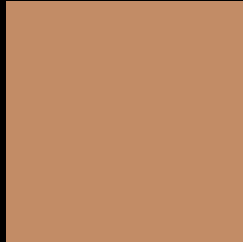
Large Text (above 18pt) WCAG AA × Fail

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 31.1848, 0.4149, 0.3803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

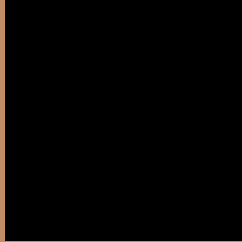
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1848, 0.4149, 0.3803

Background



This preview shows how black text looks on a background with the Yxy color 31.1848, 0.4149, 0.3803.



This preview shows how white text looks on a background with the Yxy color 31.1848, 0.4149, 0.3803.

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

31.1848, 0.4149, 0.3803

Protanopia

31.4105, 0.3693, 0.3974

Deuteranopia

31.1355, 0.3993, 0.3914



Tritanopia

31.1003, 0.3735, 0.3146

Trichromacy



Original Color

31.1848, 0.4149, 0.3803

Protanomaly

31.3137, 0.3856, 0.3918

Deuteranomaly

31.0236, 0.4051, 0.3876

Tritanomaly

31.0636, 0.3902, 0.3386

Monochromacy



Original Color

31.1848, 0.4149, 0.3803

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.1165, 0.3469, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1848, 0.4149, 0.3803 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(194, 140, 102)` looks like.

```
.text, #text, p{  
    color:rgb(194, 140, 102)  
}
```

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(194, 140, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 140, 102) }
```

Border

The CSS property to change the border of an element to Yxy 31.1848, 0.4149, 0.3803 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(194, 140, 102) }
```

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

```
.border{ border-color:rgb(194, 140, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 140, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 140, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 140, 102);  
box-shadow:4px 4px 4px 4px rgb(194, 140,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1848, 0.4149, 0.3803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 140, 102) }
```

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

```
.background{ background-color: rgb(194,  
140, 102) }
```

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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