

Converting Colors

$Yxy(31.4316, 0.3908, 0.3802)$

Have a look what the booklet for
Yxy(31.4316, 0.3908, 0.3802)
contains.

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Color

Yxy(31.3000, 0.3910, 0.3804)

Conversions

Conversions Part 1

Format	Color
Hex	B6916D
RGB	182, 145, 109
RGB Percent	71%, 57%, 43%
CMY	0.2864, 0.4313, 0.5726
CMYK	0.00, 0.20, 0.40, 0.29
HSL	30°, 33%, 57%
HSV	30°, 40%, 71%
XYZ	32.1722, 31.3000, 18.8096
YIQ	151.9590, 33.6080, -3.3520

Conversions

Conversions Part 2

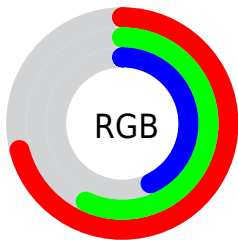
Format	Color
R _Y B	182, 180, 109
Decimal	11964781
CIE Lab	62.76, 8.98, 24.41
CIE LCh	63, 26.004, 69.809
Yxy	31.3000, 0.3910, 0.3804
Android (android.graphics.Color)	4290154861 (0xFFB6916D)
YUV	151.9590, -21.1788, 26.3460
Hunter-Lab	55.9464, 4.7409, 19.2287

Details

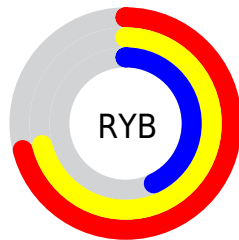
The Yxy color **31.3000, 0.3910, 0.3804** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **27.1680, 0.2493, 0.2707**, and the grayscale version is **31.4626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7708, 0.3749, 0.3708**, and **13.0334, 0.4156, 0.3958** is the 20% darker color. If you saturate the color by 10%, you get **28.2460, 0.4164, 0.3928**, and if you desaturate by 10%, it is **34.6665, 0.3679, 0.3673**.

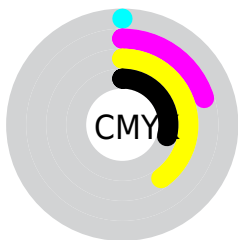
Distribution



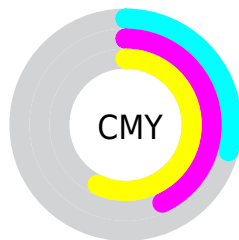
- Red (71%)
- Green (57%)
- Blue (43%)



- Red (71%)
- Yellow (71%)
- Blue (43%)



- Cyan (0%)
- Magenta (20%)
- Yellow (40%)
- Black (29%)





- Cyan (29%)
- Magenta (43%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3000, 0.3910, 0.3804 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 31.3000, 0.3910, 0.3804 by changing the saturation by 10% instead.

 31.3000, 0.3910,
0.3804


 31.3000, 0.3910,
0.3804


307.9180, 0.3493,
0.3542

 20.8274, 0.4021,
0.3869


 61.7121, 0.3753,
0.3709


 12.9979, 0.4168,
0.3950


 82.4204, 0.3695,
0.3673

 7.4271, 0.4368,
0.4054


 107.3093, 0.3647,
0.3642

 3.7306, 0.4652,
0.4183

 136.7633, 0.3607,
0.3617

 1.5240, 0.5396,
0.4604

171.1668, 0.3572,
0.3594

 0.3056, 0.6251,
0.3749

210.9042, 0.3542,

 0.0000, 0.0000,

0.3575

0.0000

256.3598, 0.3516,
0.3557

■ 31.3000, 0.3910,
0.3804

■ 31.3000, 0.3910,
0.3804

■ 28.2460, 0.4164,
0.3928

■ 34.6665, 0.3679,
0.3673

■ 25.4897, 0.4434,
0.4035

■ 38.3510, 0.3472,
0.3541

■ 23.0214, 0.4710,
0.4112

■ 42.3641, 0.3289,
0.3413

■ 20.8288, 0.4977,
0.4149

■ 46.7149, 0.3129,
0.3291

■ 18.8984, 0.5218,
0.4134

■ 51.4117, 0.2989,
0.3178

■ 17.2253, 0.5424,
0.4075

■ 56.4628, 0.2868,
0.3073

■ 61.8759, 0.2762,
0.2977

■ 67.6586, 0.2670,
0.2889

■ 72.6208, 0.2679,
0.2990

Harmonies

Analogous

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



31.3000, 0.3940, 0.3492



31.3000, 0.3910, 0.3804



31.3000, 0.3662, 0.4008

Triad

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



31.3000, 0.3910, 0.3804



31.3000, 0.2546, 0.3390



31.3000, 0.2933, 0.2673

Complementary

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



31.3000, 0.3910, 0.3804



27.1680, 0.2493, 0.2707

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.



31.3000, 0.2589, 0.2620



31.3000, 0.3910, 0.3804



31.3000, 0.2378, 0.3001

Square

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



31.3000, 0.3910, 0.3804



31.3000, 0.2871, 0.3778



31.3000, 0.2393, 0.2729



31.3000, 0.3354, 0.2865

Rectangle

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



31.3000, 0.3910, 0.3804



31.3000, 0.3415, 0.4037



31.3000, 0.2393, 0.2729



31.3000, 0.2805, 0.2639

Sweetspot

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



31.3015, 0.3910, 0.3804



75.2548, 0.3325, 0.3439



22.9736, 0.3601, 0.2758



16.4092, 0.3348, 0.3455



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



31.3015, 0.3910, 0.3804



51.9127, 0.4130, 0.3913



43.9958, 0.3724, 0.4253



9.7246, 0.3276, 0.3403



12.3006, 0.5406, 0.4089



0.5575, 0.5014, 0.4401

Inverse Universe

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



27.1680, 0.2493, 0.2707



43.3891, 0.2356, 0.2553



17.8224, 0.2400, 0.2102



9.4509, 0.2985, 0.3174



7.9435, 0.1784, 0.1621



0.4037, 0.1913, 0.2087

Previews

White Background



This preview shows how the Yxy color 31.3000, 0.3910, 0.3804 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 31.3000, 0.3910, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

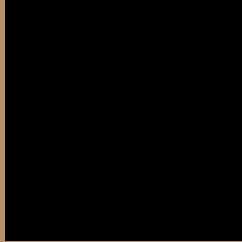
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.3000, 0.3910, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 31.3000, 0.3910, 0.3804.



This preview shows how white text looks on a background with the Yxy color 31.3000, 0.3910, 0.3804.

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

31.3000, 0.3910, 0.3804

Protanopia

31.4129, 0.3634, 0.3901

Deuteranopia

31.4857, 0.3893, 0.3819



Tritanopia

31.3973, 0.3528, 0.3153

Trichromacy



Original Color

31.3000, 0.3910, 0.3804

Protanomaly

31.1886, 0.3735, 0.3858

Deuteranomaly

31.4857, 0.3893, 0.3819

Tritanomaly

31.4096, 0.3675, 0.3390

Monochromacy



Original Color

31.3000, 0.3910, 0.3804

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.0590, 0.3402, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3000, 0.3910, 0.3804 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(182, 145, 109)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 145, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 145, 109) }
```

Border

The CSS property to change the border of an element to Yxy 31.3000, 0.3910, 0.3804 is called "border". The border property can be set on classes, ids or directly on the HTML element.

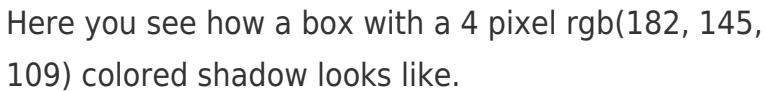
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 145, 109) }
```

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

```
.border{ border-color:rgb(182, 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(182, 145, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 145, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 145, 109);  
box-shadow:4px 4px 4px 4px rgb(182, 145,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3000, 0.3910, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 145, 109) }
```

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

```
.background{ background-color: rgb(182,  
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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