

Converting Colors

$Yxy(31.2914, 0.3829, 0.3848)$

Have a look what the booklet for
Yxy(31.2914, 0.3829, 0.3848)
contains.

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Color

Yxy(31.2017, 0.3832, 0.3845)

Conversions

Conversions Part 1

Format	Color
Hex	B0936D
RGB	176, 147, 109
RGB Percent	69%, 58%, 43%
CMY	0.3099, 0.4235, 0.5726
CMYK	0.00, 0.16, 0.38, 0.31
HSL	34°, 30%, 56%
HSV	34°, 38%, 69%
XYZ	31.0962, 31.2017, 18.8509
YIQ	151.3390, 29.4820, -5.6700

Conversions

Conversions Part 2

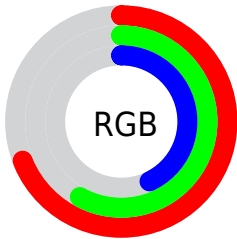
Format	Color
RYB	160, 176, 109
Decimal	11572077
CIELab	62.68, 5.40, 24.18
CIElCh	63, 24.778, 77.407
Yxy	31.2017, 0.3832, 0.3845
Android (android.graphics.Color)	4289762157 (0xFFB0936D)
YUV	151.3390, -20.8731, 21.6277
Hunter-Lab	55.8585, 1.6179, 19.0920

Details

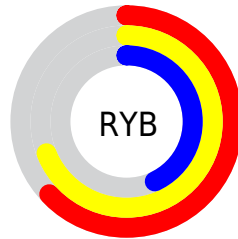
The Yxy color **31.2017, 0.3832, 0.3845** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **24.5552, 0.2515, 0.2659**, and the grayscale version is **31.1822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6701, 0.3692, 0.3737**, and **13.0239, 0.4056, 0.4019** is the 20% darker color. If you saturate the color by 10%, you get **28.5713, 0.4062, 0.3988**, and if you desaturate by 10%, it is **34.0676, 0.3619, 0.3695**.

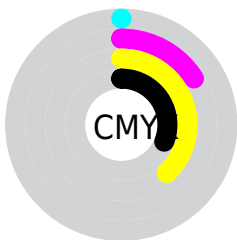
Distribution



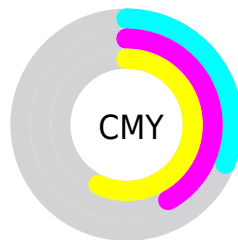
- Red (69%)
- Green (58%)
- Blue (43%)



- Red (63%)
- Yellow (69%)
- Blue (43%)



- Cyan (0%)
- Magenta (16%)
- Yellow (38%)
- Black (31%)



- Cyan (31%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2017, 0.3832, 0.3845 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 31.2017, 0.3832, 0.3845 by changing the saturation by 10% instead.


 31.2017, 0.3832,
0.3845


 31.2017, 0.3832,
0.3845


307.4665, 0.3457,
0.3557

 20.7525, 0.3932,
0.3918


 61.5575, 0.3691,
0.3739

 12.9432, 0.4063,
0.4012


 82.2329, 0.3639,
0.3700

 7.3894, 0.4241,
0.4135


 107.0857, 0.3596,
0.3666

 3.7068, 0.4493,
0.4296

 136.5005, 0.3560,
0.3638

 1.5110, 0.5194,
0.4806

170.8616, 0.3529,
0.3614

 0.2964, 0.5825,
0.4175

210.5533, 0.3502,

 0.0000, 0.0000,

0.3593

0.0000

255.9602, 0.3478,
0.3574

■ 31.2017, 0.3832,
0.3845

■ 31.2017, 0.3832,
0.3845

■ 28.5713, 0.4062,
0.3988

■ 34.0676, 0.3619,
0.3695

■ 26.1645, 0.4303,
0.4116

■ 37.1718, 0.3426,
0.3546

■ 23.9745, 0.4546,
0.4217


■ 40.5223, 0.3253,
0.3401


■ 21.9925, 0.4780,
0.4279


■ 44.1256, 0.3099,
0.3264

■ 20.2086, 0.4991,
0.4292


■ 47.9879, 0.2963,
0.3136


 18.6084, 0.5172,
0.4257

 52.1149, 0.2844,
0.3017

 18.3161, 0.5206,
0.4248

 56.5124, 0.2739,
0.2908

 61.1857, 0.2646,
0.2808

 65.3165, 0.2628,
0.2843

Harmonies

Analogous

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



31.2017, 0.3917, 0.3566



31.2017, 0.3832, 0.3845



31.2017, 0.3554, 0.3996

Triad

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



31.2017, 0.3832, 0.3845



31.2017, 0.2515, 0.3287



31.2017, 0.3042, 0.2735

Complementary

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



31.2017, 0.3832, 0.3845



24.5552, 0.2515, 0.2659

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.



31.2017, 0.2685, 0.2647



31.2017, 0.3832, 0.3845



31.2017, 0.2397, 0.2936

Square

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



31.2017, 0.3832, 0.3845



31.2017, 0.2794, 0.3670



31.2017, 0.2457, 0.2712



31.2017, 0.3444, 0.2947

Rectangle

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



31.2017, 0.3832, 0.3845



31.2017, 0.3305, 0.3984



31.2017, 0.2457, 0.2712



31.2017, 0.2912, 0.2690

Sweetspot

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



31.2032, 0.3832, 0.3845



71.5563, 0.3305, 0.3446



22.0013, 0.3641, 0.2865



15.3327, 0.3327, 0.3465



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



31.2032, 0.3832, 0.3845



52.4058, 0.4032, 0.3971



40.8661, 0.3645, 0.4232



9.2787, 0.3273, 0.3419



13.5591, 0.5192, 0.4259



0.5399, 0.4845, 0.4535

Inverse Universe

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



24.5552, 0.2515, 0.2659



38.5633, 0.2369, 0.2482



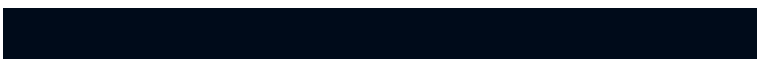
17.6127, 0.2485, 0.2169



8.8146, 0.2985, 0.3157



6.2178, 0.1718, 0.1386



0.3124, 0.1874, 0.1945

Previews

White Background



This preview shows how the Yxy color 31.2017, 0.3832, 0.3845 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 31.2017, 0.3832, 0.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

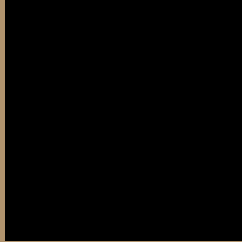
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2017, 0.3832, 0.3845

Background



This preview shows how black text looks on a background with the Yxy color 31.2017, 0.3832, 0.3845.



This preview shows how white text looks on a background with the Yxy color 31.2017, 0.3832, 0.3845.

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

31.2017, 0.3832, 0.3845

Protanopia

31.3907, 0.3643, 0.3916

Deuteranopia

31.0582, 0.3888, 0.3808



Tritanopia

31.0200, 0.3438, 0.3135

Trichromacy



Original Color

31.2017, 0.3832, 0.3845

Protanomaly

31.2633, 0.3718, 0.3891

Deuteranomaly

31.2456, 0.3871, 0.3824

Tritanomaly

31.0062, 0.3594, 0.3392

Monochromacy



Original Color

31.2017, 0.3832, 0.3845

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.0638, 0.3368, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2017, 0.3832, 0.3845 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(176, 147, 109)` looks like.

```
.text, #text, p{  
    color:rgb(176, 147, 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(176, 147, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 147, 109) }
```

Border

The CSS property to change the border of an element to Yxy 31.2017, 0.3832, 0.3845 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(176, 147, 109) }
```

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

```
.border{ border-color:rgb(176, 147, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 147, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 147, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 147, 109);  
box-shadow:4px 4px 4px 4px rgb(176, 147,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2017, 0.3832, 0.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 147, 109) }
```

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

```
.background{ background-color: rgb(176,  
147, 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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