

Converting Colors

$Yxy(32.4378, 0.3836, 0.3933)$

Have a look what the booklet for
Yxy(32.4378, 0.3836, 0.3933)
contains.

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Color

Yxy(32.4249, 0.3831, 0.3928)

Conversions

Conversions Part 1

Format	Color
Hex	B0976B
RGB	176, 151, 107
RGB Percent	69%, 59%, 42%
CMY	0.3098, 0.4078, 0.5804
CMYK	0.00, 0.14, 0.39, 0.31
HSL	38°, 30%, 55%
HSV	38°, 39%, 69%
XYZ	31.6242, 32.4249, 18.4990
YIQ	153.4590, 29.0240, -8.3840

Conversions

Conversions Part 2

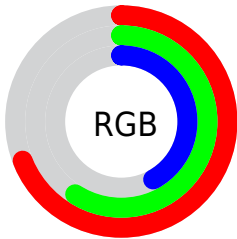
Format	Color
RYB	146, 176, 107
Decimal	11573099
CIELab	63.69, 2.97, 26.63
CIElCh	64, 26.795, 83.644
Yxy	32.4249, 0.3831, 0.3928
Android (android.graphics.Color)	4289763179 (0xFFB0976B)
YUV	153.4590, -22.9043, 19.7685
Hunter-Lab	56.9429, -0.5170, 20.5985

Details

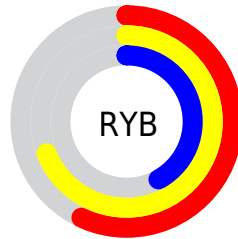
The Yxy color **32.4249, 0.3831, 0.3928** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.7577, 0.2483, 0.2551**, and the grayscale version is **32.1586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4895, 0.3695, 0.3802**, and **13.5677, 0.4053, 0.4112** is the 20% darker color. If you saturate the color by 10%, you get **30.0963, 0.4044, 0.4086**, and if you desaturate by 10%, it is **34.9429, 0.3629, 0.3762**.

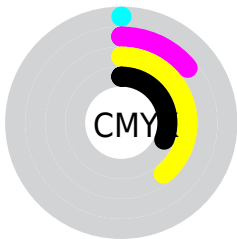
Distribution



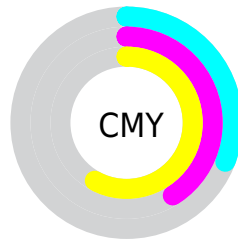
- Red (69%)
- Green (59%)
- Blue (42%)



- Red (57%)
- Yellow (69%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (39%)
- Black (31%)





- Cyan (31%)
- Magenta (41%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4249, 0.3831, 0.3928 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 32.4249, 0.3831, 0.3928 by changing the saturation by 10% instead.

 32.4249, 0.3831,
0.3928


 32.4249, 0.3831,
0.3928


313.0503, 0.3461,
0.3597

 21.6863, 0.3928,
0.4012


 63.4766, 0.3693,
0.3806


 13.6265, 0.4053,
0.4120


 84.5585, 0.3642,
0.3761

 7.8614, 0.4220,
0.4261


 109.8568, 0.3600,
0.3723

 4.0064, 0.4450,
0.4446

 139.7561, 0.3563,
0.3690

 1.6771, 0.5045,
0.4955

174.6407, 0.3532,
0.3662

 0.4088, 0.5300,
0.4700

214.8950, 0.3505,

 0.0000, 0.0000,

0.3638

0.0000

260.9034, 0.3482,
0.3616

■ 32.4249, 0.3831,
0.3928

■ 32.4249, 0.3831,
0.3928

■ 30.0963, 0.4044,
0.4086

■ 34.9429, 0.3629,
0.3762

■ 27.9461, 0.4262,
0.4225

■ 37.6516, 0.3441,
0.3595

■ 25.9691, 0.4476,
0.4336

■ 40.5582, 0.3270,
0.3433

■ 24.1576, 0.4676,
0.4407

■ 43.6678, 0.3116,
0.3278

■ 22.5029, 0.4849,
0.4430

■ 46.9855, 0.2978,
0.3133

■ 20.9901, 0.4996,
0.4408

■ 50.5161, 0.2855,
0.2998

■ 20.8751, 0.5008,
0.4406

■ 54.2643, 0.2746,
0.2873

■ 58.2344, 0.2650,
0.2759

■ 61.7434, 0.2619,
0.2759

Harmonies

Analogous

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



32.4249, 0.3972, 0.3649



32.4249, 0.3831, 0.3928



32.4249, 0.3502, 0.4053

Triad

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



32.4249, 0.3831, 0.3928



32.4249, 0.2434, 0.3199



32.4249, 0.3124, 0.2738

Complementary

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



32.4249, 0.3831, 0.3928



22.7577, 0.2483, 0.2551

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.



32.4249, 0.2725, 0.2614



32.4249, 0.3831, 0.3928



32.4249, 0.2349, 0.2848

Square

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



32.4249, 0.3831, 0.3928



32.4249, 0.2697, 0.3615



32.4249, 0.2451, 0.2646



32.4249, 0.3550, 0.2985

Rectangle

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



32.4249, 0.3831, 0.3928



32.4249, 0.3227, 0.4008



32.4249, 0.2451, 0.2646



32.4249, 0.2982, 0.2681

Sweetspot

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



32.4264, 0.3831, 0.3928



71.9407, 0.3319, 0.3481



21.4175, 0.3726, 0.2918



15.4455, 0.3341, 0.3501



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.



32.4264, 0.3831, 0.3928



55.1522, 0.4014, 0.4065



40.3046, 0.3614, 0.4276



9.3786, 0.3272, 0.3435



15.4309, 0.4997, 0.4415



0.5916, 0.4720, 0.4634

Inverse Universe

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



22.7577, 0.2483, 0.2551



35.1811, 0.2333, 0.2353



17.3743, 0.2507, 0.2144



8.7173, 0.2985, 0.3141



5.0715, 0.1661, 0.1181



0.2728, 0.1826, 0.1772

Previews

White Background



This preview shows how the Yxy color 32.4249, 0.3831, 0.3928 looks on a white background.

Color Contrast Check

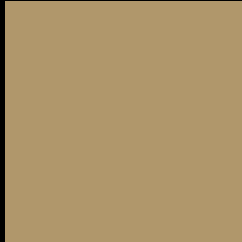
Large Text (above 18pt) WCAG AA × Fail

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 32.4249, 0.3831, 0.3928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

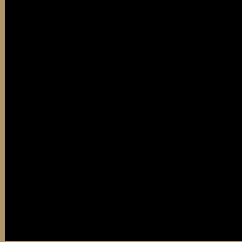
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4249, 0.3831, 0.3928

Background



This preview shows how black text looks on a background with the Yxy color 32.4249, 0.3831, 0.3928.



This preview shows how white text looks on a background with the Yxy color 32.4249, 0.3831, 0.3928.

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

32.4249, 0.3831, 0.3928

Protanopia

32.4094, 0.3707, 0.3979

Deuteranopia

32.4529, 0.3926, 0.3853



Tritanopia

32.4749, 0.3398, 0.3137

Trichromacy



Original Color

32.4249, 0.3831, 0.3928

Protanomaly

32.4112, 0.3745, 0.3957

Deuteranomaly

32.4014, 0.3887, 0.3874

Tritanomaly

32.2861, 0.3560, 0.3420

Monochromacy



Original Color

32.4249, 0.3831, 0.3928

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.8111, 0.3374, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4249, 0.3831, 0.3928 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, 151, 107)` looks like.

```
.text, #text, p{  
    color:rgb(176, 151, 107)  
}
```

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, 151, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 151, 107) }
```

Border

The CSS property to change the border of an element to Yxy 32.4249, 0.3831, 0.3928 is called "border". The border property can be set on classes, ids or directly on the HTML element.

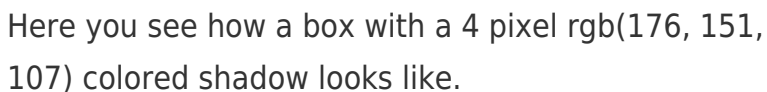
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 151, 107) }
```

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

```
.border{ border-color:rgb(176, 151, 107) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 151, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 151, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 151, 107); box-shadow:4px 4px 4px 4px rgb(176, 151, 107) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4249, 0.3831, 0.3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 151, 107) }
```

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

```
.background{ background-color: rgb(176,  
151, 107) }
```

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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