

Converting Colors

$Yxy(32.8696, 0.4003, 0.3976)$

Have a look what the booklet for
Yxy(32.8696, 0.4003, 0.3976)
contains.

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Color

Yxy(33.0471, 0.4004, 0.3984)

Conversions

Conversions Part 1

Format	Color
Hex	B99664
RGB	185, 150, 100
RGB Percent	73%, 59%, 39%
CMY	0.2746, 0.4117, 0.6078
CMYK	0.00, 0.19, 0.46, 0.27
HSL	35°, 38%, 56%
HSV	35°, 46%, 73%
XYZ	33.2130, 33.0471, 16.6894
YIQ	154.7650, 36.9100, -8.1300

Conversions

Conversions Part 2

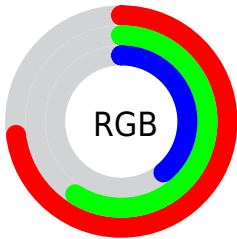
Format	Color
RYB	160, 185, 100
Decimal	12162660
CIELab	64.20, 6.49, 31.24
CIElCh	64, 31.907, 78.263
Yxy	33.0471, 0.4004, 0.3984
Android (android.graphics.Color)	4290352740 (0xFFB99664)
YUV	154.7650, -26.9991, 26.5161
Hunter-Lab	57.4866, 2.5272, 23.0276

Details

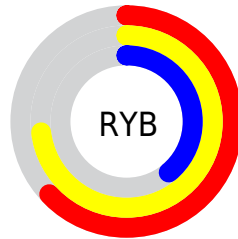
The Yxy color **33.0471, 0.4004, 0.3984** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.5410, 0.2376, 0.2466**, and the grayscale version is **32.7795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5074, 0.3834, 0.3851**, and **13.9174, 0.4279, 0.4169** is the 20% darker color. If you saturate the color by 10%, you get **30.3778, 0.4238, 0.4121**, and if you desaturate by 10%, it is **35.9589, 0.3781, 0.3834**.

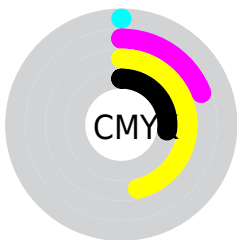
Distribution



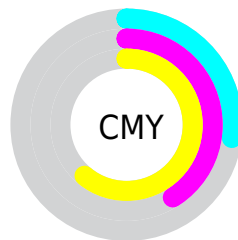
- Red (73%)
- Green (59%)
- Blue (39%)



- Red (63%)
- Yellow (73%)
- Blue (39%)



- Cyan (0%)
- Magenta (19%)
- Yellow (46%)
- Black (27%)





- Cyan (27%)
- Magenta (41%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0471, 0.4004, 0.3984 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 33.0471, 0.4004, 0.3984 by changing the saturation by 10% instead.


 33.0471, 0.4004,
0.3984


 33.0471, 0.4004,
0.3984


315.8619, 0.3545,
0.3633

 22.1625, 0.4122,
0.4069


 64.4491, 0.3834,
0.3857

 13.9764, 0.4273,
0.4175


 85.7352, 0.3771,
0.3809

 8.1042, 0.4471,
0.4305


 111.2574, 0.3718,
0.3769

 4.1617, 0.4744,
0.4469

 141.4000, 0.3673,
0.3734

 1.7644, 0.5238,
0.4762

176.5473, 0.3634,
0.3703

 0.4649, 0.5636,
0.4364

217.0838, 0.3601,

 0.0000, 0.0000,

0.3677

0.0000

263.3939, 0.3571,
0.3653

■ 33.0471, 0.4004,
0.3984

■ 33.0471, 0.4004,
0.3984

■ 30.3778, 0.4238,
0.4121

■ 35.9589, 0.3781,
0.3834

■ 27.9376, 0.4474,
0.4232

■ 39.1164, 0.3575,
0.3678

■ 25.7190, 0.4702,
0.4307

■ 42.5287, 0.3387,
0.3523

■ 23.7113, 0.4909,
0.4334

■ 46.2027, 0.3218,
0.3375

■ 21.9020, 0.5083,
0.4310

■ 50.1453, 0.3068,
0.3234

■ 21.2141, 0.5151,
0.4292

■ 54.3628, 0.2936,
0.3103

■ 58.8615, 0.2819,
0.2981

■ 63.6472, 0.2715,
0.2870

■ 67.9619, 0.2685,
0.2884

Harmonies

Analogous

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



33.0471, 0.4127, 0.3631



33.0471, 0.4004, 0.3984



33.0471, 0.3643, 0.4186

Triad

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



33.0471, 0.4004, 0.3984



33.0471, 0.2356, 0.3263



33.0471, 0.3029, 0.2609

Complementary

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



33.0471, 0.4004, 0.3984



23.5410, 0.2376, 0.2466

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.



33.0471, 0.2583, 0.2495



33.0471, 0.4004, 0.3984



33.0471, 0.2220, 0.2825

Square

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



33.0471, 0.4004, 0.3984



33.0471, 0.2691, 0.3762



33.0471, 0.2300, 0.2561



33.0471, 0.3539, 0.2872

Rectangle

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



33.0471, 0.4004, 0.3984



33.0471, 0.3327, 0.4176



33.0471, 0.2300, 0.2561



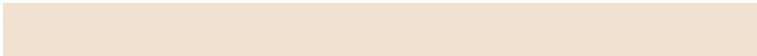
33.0471, 0.2867, 0.2553

Sweetspot

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



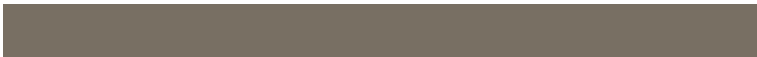
33.0487, 0.4004, 0.3984



77.2658, 0.3357, 0.3498



21.1923, 0.3821, 0.2796



16.3623, 0.3395, 0.3530



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.



33.0487, 0.4004, 0.3984



54.4284, 0.4237, 0.4120



45.0680, 0.3731, 0.4427



9.8665, 0.3274, 0.3424



14.5930, 0.5135, 0.4305



0.6332, 0.4832, 0.4546

Inverse Universe

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



23.5410, 0.2376, 0.2466



35.3433, 0.2212, 0.2246



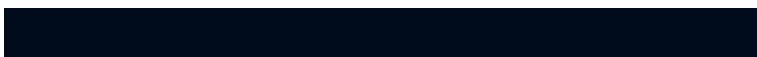
15.7525, 0.2335, 0.1897



9.3105, 0.2985, 0.3152



6.0562, 0.1700, 0.1320



0.3362, 0.1846, 0.1846

Previews

White Background



This preview shows how the Yxy color 33.0471, 0.4004, 0.3984 looks on a white background.

Color Contrast Check

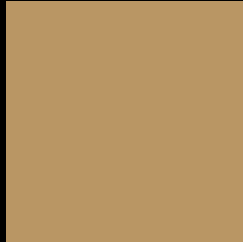
Large Text (above 18pt) WCAG AA × Fail

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 33.0471, 0.4004, 0.3984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

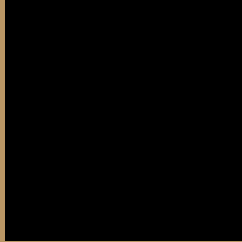
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0471, 0.4004, 0.3984

Background



This preview shows how black text looks on a background with the Yxy color 33.0471, 0.4004, 0.3984.



This preview shows how white text looks on a background with the Yxy color 33.0471, 0.4004, 0.3984.

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

33.0471, 0.4004, 0.3984

Protanopia

33.1713, 0.3776, 0.4086

Deuteranopia

33.1064, 0.4043, 0.3962



Tritanopia

32.9252, 0.3520, 0.3142

Trichromacy



Original Color

33.0471, 0.4004, 0.3984

Protanomaly

33.1647, 0.3861, 0.4055

Deuteranomaly

32.9798, 0.4033, 0.3965

Tritanomaly

32.9704, 0.3704, 0.3458

Monochromacy



Original Color

33.0471, 0.4004, 0.3984

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.6387, 0.3434, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0471, 0.4004, 0.3984 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(185, 150, 100)` looks like.

```
.text, #text, p{  
    color:rgb(185, 150, 100)  
}
```

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(185, 150, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 150, 100) }
```

Border

The CSS property to change the border of an element to Yxy 33.0471, 0.4004, 0.3984 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(185, 150, 100) }
```

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

```
.border{ border-color:rgb(185, 150, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 150, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 150, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 150, 100);  
box-shadow:4px 4px 4px 4px rgb(185, 150,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0471, 0.4004, 0.3984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 150, 100) }
```

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

```
.background{ background-color: rgb(185,  
150, 100) }
```

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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