

Converting Colors

$Yxy(33.0088, 0.4024, 0.4010)$

Have a look what the booklet for
Yxy(33.0088, 0.4024, 0.4010)
contains.

Yxy(33.0088, 0.4024, 0.4010)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.0088, 0.4024, 0.4010)

Conversions

Conversions Part 1

Format	Color
Hex	B99662
RGB	185, 150, 98
RGB Percent	73%, 59%, 38%
CMY	0.2744, 0.4118, 0.6156
CMYK	0.00, 0.19, 0.47, 0.27
HSL	36°, 38%, 55%
HSV	36°, 47%, 73%
XYZ	33.1240, 33.0088, 16.1834
YIQ	154.5370, 37.5520, -8.7520

Conversions

Conversions Part 2

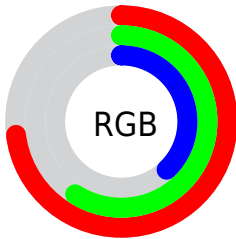
Format	Color
RYB	157, 185, 98
Decimal	12162658
CIELab	64.17, 6.31, 32.28
CIELCh	64, 32.890, 78.940
Yxy	33.0088, 0.4024, 0.4010
Android (android.graphics.Color)	4290352738 (0xFFB99662)
YUV	154.5370, -27.8727, 26.7161
Hunter-Lab	57.4533, 2.3689, 23.5166

Details

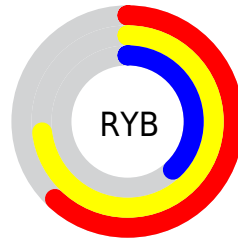
The Yxy color **33.0088, 0.4024, 0.4010** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.8894, 0.2355, 0.2429**, and the grayscale version is **32.6782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4103, 0.3857, 0.3883**, and **13.8998, 0.4304, 0.4200** is the 20% darker color. If you saturate the color by 10%, you get **30.3978, 0.4255, 0.4146**, and if you desaturate by 10%, it is **35.8549, 0.3802, 0.3859**.

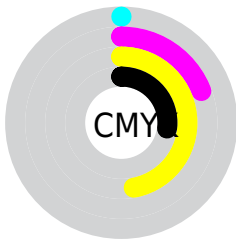
Distribution



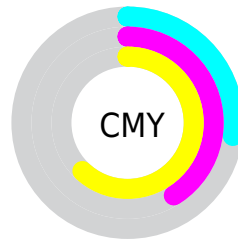
- Red (73%)
- Green (59%)
- Blue (38%)



- Red (62%)
- Yellow (73%)
- Blue (38%)



- Cyan (0%)
- Magenta (19%)
- Yellow (47%)
- Black (27%)





- Cyan (27%)
- Magenta (41%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0088, 0.4024, 0.4010 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 33.0088, 0.4024, 0.4010 by changing the saturation by 10% instead.


 33.0088, 0.4024,
0.4010


 33.0088, 0.4024,
0.4010


315.6894, 0.3556,
0.3646


 22.1332, 0.4144,
0.4098


 64.3893, 0.3851,
0.3879

 13.9548, 0.4297,
0.4206


 85.6629, 0.3786,
0.3829

 8.0892, 0.4497,
0.4340


 111.1714, 0.3732,
0.3787

 4.1521, 0.4775,
0.4512

 141.2990, 0.3686,
0.3751

 1.7590, 0.5228,
0.4772

176.4302, 0.3647,
0.3719

 0.4614, 0.5622,
0.4378

216.9494, 0.3612,

 0.0000, 0.0000,

0.3692

0.0000

263.2410, 0.3582,
0.3667

■ 33.0088, 0.4024,
0.4010

■ 33.0088, 0.4024,
0.4010

■ 30.3978, 0.4255,
0.4146

■ 35.8549, 0.3802,
0.3859

■ 28.0089, 0.4488,
0.4256

■ 38.9391, 0.3595,
0.3701

■ 25.8342, 0.4710,
0.4328

■ 42.2705, 0.3406,
0.3544

■ 23.8634, 0.4909,
0.4352

■ 45.8560, 0.3236,
0.3392

■ 22.0831, 0.5077,
0.4325

■ 49.7020, 0.3084,
0.3248

■ 21.5845, 0.5125,
0.4313

■ 53.8150, 0.2949,
0.3114

■ 58.2008, 0.2830,
0.2989

■ 62.8655, 0.2726,
0.2875

■ 67.1848, 0.2684,
0.2867

Harmonies

Analogous

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



33.0088, 0.4158, 0.3647



33.0088, 0.4024, 0.4010



33.0088, 0.3647, 0.4216

Triad

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



33.0088, 0.4024, 0.4010



33.0088, 0.2327, 0.3250



33.0088, 0.3037, 0.2595

Complementary

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



33.0088, 0.4024, 0.4010



22.8894, 0.2355, 0.2429

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.



33.0088, 0.2575, 0.2473



33.0088, 0.4024, 0.4010



33.0088, 0.2194, 0.2802

Square

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



33.0088, 0.4024, 0.4010



33.0088, 0.2668, 0.3767



33.0088, 0.2281, 0.2536



33.0088, 0.3563, 0.2868

Rectangle

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



33.0088, 0.4024, 0.4010



33.0088, 0.3320, 0.4203



33.0088, 0.2281, 0.2536



33.0088, 0.2869, 0.2536

Sweetspot

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



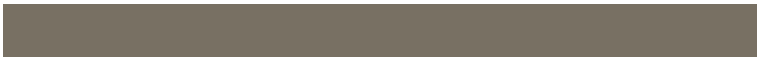
33.0104, 0.4024, 0.4010



77.4313, 0.3356, 0.3501



20.7842, 0.3846, 0.2785



16.4028, 0.3394, 0.3534



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.



33.0104, 0.4024, 0.4010



54.4747, 0.4253, 0.4145



45.0305, 0.3744, 0.4452



9.8802, 0.3273, 0.3426



14.8379, 0.5110, 0.4325



0.6410, 0.4815, 0.4559

Inverse Universe

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



22.8894, 0.2355, 0.2429



34.2785, 0.2192, 0.2206



15.2608, 0.2312, 0.1859



9.2971, 0.2985, 0.3150



5.8991, 0.1693, 0.1294



0.3302, 0.1840, 0.1823

Previews

White Background



This preview shows how the Yxy color 33.0088, 0.4024, 0.4010 looks on a white background.

Color Contrast Check

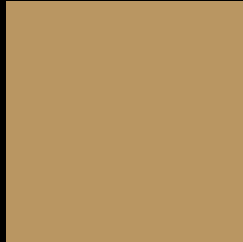
Large Text (above 18pt) WCAG AA × Fail

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 33.0088, 0.4024, 0.4010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

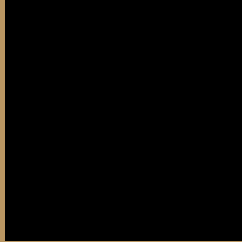
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0088, 0.4024, 0.4010

Background



This preview shows how black text looks on a background with the Yxy color 33.0088, 0.4024, 0.4010.



This preview shows how white text looks on a background with the Yxy color 33.0088, 0.4024, 0.4010.

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

33.0088, 0.4024, 0.4010

Protanopia

33.1321, 0.3794, 0.4115

Deuteranopia

33.0681, 0.4063, 0.3988



Tritanopia

32.9252, 0.3520, 0.3142

Trichromacy



Original Color

33.0088, 0.4024, 0.4010

Protanomaly

33.1260, 0.3880, 0.4082

Deuteranomaly

32.9415, 0.4052, 0.3991

Tritanomaly

32.9704, 0.3704, 0.3458

Monochromacy



Original Color

33.0088, 0.4024, 0.4010

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.6107, 0.3444, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0088, 0.4024, 0.4010 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, 98)` looks like.

```
.text, #text, p{  
    color:rgb(185, 150, 98)  
}
```

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, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 150, 98) }
```

Border

The CSS property to change the border of an element to Yxy 33.0088, 0.4024, 0.4010 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, 98) }
```

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

```
.border{ border-color:rgb(185, 150, 98) }
```

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, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 150, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 150, 98);  
box-shadow:4px 4px 4px 4px rgb(185, 150,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0088, 0.4024, 0.4010 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, 98) }
```

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

```
.background{ background-color: rgb(185,  
150, 98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor