

Converting Colors

$Yxy(33.0204, 0.3405, 0.3852)$

Have a look what the booklet for
Yxy(33.0204, 0.3405, 0.3852)
contains.

Yxy(33.0964, 0.3408, 0.3849)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.0964, 0.3408, 0.3849)

Conversions

Conversions Part 1

Format	Color
Hex	9A9F7B
RGB	154, 159, 123
RGB Percent	60%, 62%, 48%
CMY	0.3960, 0.3765, 0.5176
CMYK	0.03, 0.00, 0.23, 0.38
HSL	68°, 16%, 55%
HSV	68°, 23%, 62%
XYZ	29.3044, 33.0964, 23.5862
YIQ	153.4010, 8.5760, -12.2560

Conversions

Conversions Part 2

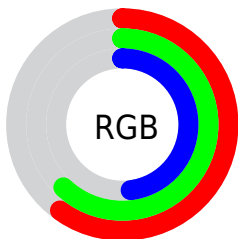
Format	Color
RYB	123, 159, 128
Decimal	10133371
CIELab	64.24, -8.08, 18.23
CIELCh	64, 19.937, 113.898
Yxy	33.0964, 0.3408, 0.3849
Android (android.graphics.Color)	4288323451 (0xFF9A9F7B)
YUV	153.4010, -14.9877, 0.5253
Hunter-Lab	57.5295, -9.7522, 15.9626

Details

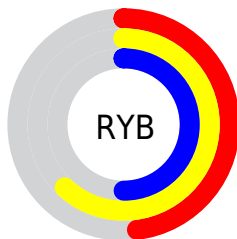
The Yxy color **33.0964, 0.3408, 0.3849** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.2595, 0.2807, 0.2683**, and the grayscale version is **32.1058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.7830, 0.3354, 0.3734**, and **14.1031, 0.3498, 0.4046** is the 20% darker color. If you saturate the color by 10%, you get **32.5180, 0.3531, 0.4104**, and if you desaturate by 10%, it is **33.7463, 0.3283, 0.3596**.

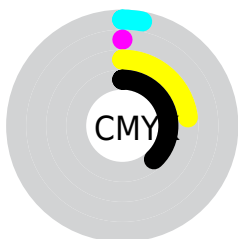
Distribution



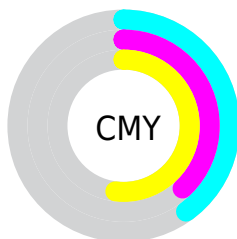
- Red (60%)
- Green (62%)
- Blue (48%)



- Red (48%)
- Yellow (62%)
- Blue (50%)



- Cyan (3%)
- Magenta (0%)
- Yellow (23%)
- Black (38%)





- Cyan (40%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0964, 0.3408, 0.3849 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 33.0964, 0.3408, 0.3849 by changing the saturation by 10% instead.

 33.0964, 0.3408,
0.3849


 33.0964, 0.3408,
0.3849


316.0839, 0.3263,
0.3549

 22.2003, 0.3445,
0.3931


 64.5260, 0.3354,
0.3735

 14.0042, 0.3493,
0.4041

 85.8283, 0.3335,
0.3693

 8.1236, 0.3557,
0.4195


 111.3681, 0.3318,
0.3659

 4.1741, 0.3645,
0.4425

141.5299, 0.3304,
0.3630

 1.7714, 0.3857,
0.4916

176.6979, 0.3291,
0.3605

 0.4693, 0.3465,
0.6535

217.2567, 0.3281,

 0.0000, 0.0000,

0.3584

0.0000

263.5905, 0.3271,
0.3565

■ 33.0964, 0.3408,
0.3849

■ 33.0964, 0.3408,
0.3849

■ 32.5180, 0.3531,
0.4104

■ 33.7463, 0.3283,
0.3596

■ 32.0036, 0.3646,
0.4353

■ 34.4664, 0.3159,
0.3352

■ 31.5513, 0.3749,
0.4587

■ 35.2607, 0.3039,
0.3121

■ 31.1574, 0.3835,
0.4796

■ 36.1319, 0.2926,
0.2905

■ 30.8177, 0.3900,
0.4970

■ 37.0824, 0.2819,
0.2706

■ 30.5274, 0.3939,
0.5104

■ 38.1147, 0.2721,
0.2524

■ 30.2810, 0.3954,
0.5194

■ 39.2310, 0.2630,
0.2359

■ 30.1174, 0.3955,
0.5242

■ 40.4333, 0.2547,
0.2209

■ 40.9877, 0.2534,
0.2171

Harmonies

Analogous

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



33.0964, 0.3649, 0.3770



33.0964, 0.3408, 0.3849



33.0964, 0.3099, 0.3762

Triad

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



33.0964, 0.3408, 0.3849



33.0964, 0.2541, 0.2966



33.0964, 0.3443, 0.3065

Complementary

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



33.0964, 0.3408, 0.3849



21.2595, 0.2807, 0.2683

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.



33.0964, 0.3131, 0.2874



33.0964, 0.3408, 0.3849



33.0964, 0.2621, 0.2809

Square

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



33.0964, 0.3408, 0.3849



33.0964, 0.2607, 0.3227



33.0964, 0.2832, 0.2780



33.0964, 0.3674, 0.3314

Rectangle

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



33.0964, 0.3408, 0.3849



33.0964, 0.2898, 0.3617



33.0964, 0.2832, 0.2780



33.0964, 0.3343, 0.2992

Sweetspot

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



33.0979, 0.3408, 0.3849



61.1336, 0.3214, 0.3461



24.1896, 0.3560, 0.3368



13.7667, 0.3221, 0.3474



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



33.0979, 0.3408, 0.3849



58.7573, 0.3468, 0.3974



31.4765, 0.3227, 0.3882



7.6740, 0.3241, 0.3512



23.8027, 0.3957, 0.5240



0.4372, 0.4058, 0.5160

Inverse Universe

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



21.2595, 0.2807, 0.2683



33.8636, 0.2726, 0.2534



22.7648, 0.3003, 0.2717



6.4770, 0.3008, 0.3060



2.1228, 0.1565, 0.0636



0.0490, 0.1821, 0.0777

Previews

White Background



This preview shows how the Yxy color 33.0964, 0.3408, 0.3849 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 33.0964, 0.3408, 0.3849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

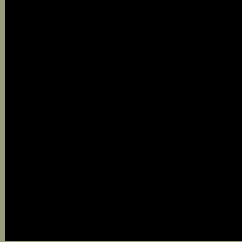
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

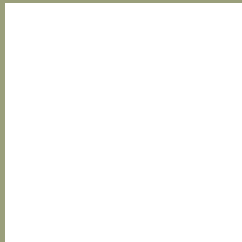
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.0964, 0.3408, 0.3849

Background



This preview shows how black text looks on a background with the Yxy color 33.0964, 0.3408, 0.3849.



This preview shows how white text looks on a background with the Yxy color 33.0964, 0.3408, 0.3849.

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

33.0964, 0.3408, 0.3849

Protanopia

32.9302, 0.3566, 0.3801

Deuteranopia

32.7993, 0.3712, 0.3633



Tritanopia

32.9727, 0.3086, 0.3114

Trichromacy



Original Color

33.0964, 0.3408, 0.3849

Protanomaly

32.8635, 0.3510, 0.3807

Deuteranomaly

32.8956, 0.3598, 0.3719

Tritanomaly

32.9138, 0.3203, 0.3366

Monochromacy



Original Color

33.0964, 0.3408, 0.3849

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.1680, 0.3228, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0964, 0.3408, 0.3849 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(154, 159, 123)` looks like.

```
.text, #text, p{  
    color:rgb(154, 159, 123)  
}
```

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(154, 159, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 159, 123) }
```

Border

The CSS property to change the border of an element to Yxy 33.0964, 0.3408, 0.3849 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(154, 159, 123) }
```

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

```
.border{ border-color:rgb(154, 159, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 159, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 159, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 159, 123);  
box-shadow:4px 4px 4px 4px rgb(154, 159,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0964, 0.3408, 0.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 159, 123) }
```

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

```
.background{ background-color: rgb(154,  
159, 123) }
```

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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