

Converting Colors

Yxy(33.8542, 0.3349, 0.3869)

Have a look what the booklet for
Yxy(33.8542, 0.3349, 0.3869)
contains.

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Color

Yxy(33.9006, 0.3351, 0.3866)

Conversions

Conversions Part 1

Format	Color
Hex	97A27D
RGB	151, 162, 125
RGB Percent	59%, 64%, 49%
CMY	0.4079, 0.3647, 0.5097
CMYK	0.07, 0.00, 0.23, 0.36
HSL	78°, 17%, 56%
HSV	78°, 23%, 64%
XYZ	29.3846, 33.9006, 24.4039
YIQ	154.4930, 5.3210, -13.8390

Conversions

Conversions Part 2

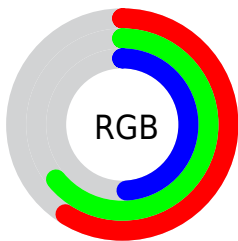
Format	Color
RYB	125, 162, 136
Decimal	9937533
CIELab	64.88, -10.55, 17.97
CIELCh	65, 20.835, 120.414
Yxy	33.9006, 0.3351, 0.3866
Android (android.graphics.Color)	4288127613 (0xFF97A27D)
YUV	154.4930, -14.5400, -3.0634
Hunter-Lab	58.2242, -11.8070, 15.9064

Details

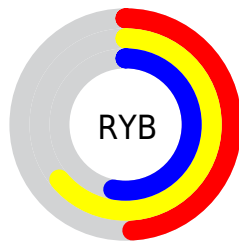
The Yxy color **33.9006, 0.3351, 0.3866** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.5188, 0.2866, 0.2687**, and the grayscale version is **32.6073, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8192, 0.3304, 0.3748**, and **14.3830, 0.3419, 0.4052** is the 20% darker color. If you saturate the color by 10%, you get **33.0690, 0.3446, 0.4135**, and if you desaturate by 10%, it is **34.8216, 0.3253, 0.3605**.

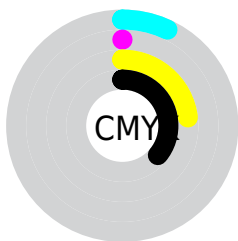
Distribution



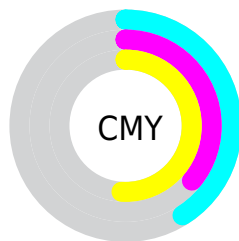
- Red (59%)
- Green (64%)
- Blue (49%)



- Red (49%)
- Yellow (64%)
- Blue (53%)



- Cyan (7%)
- Magenta (0%)
- Yellow (23%)
- Black (36%)



- Cyan (41%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9006, 0.3351, 0.3866 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 33.9006, 0.3351, 0.3866 by changing the saturation by 10% instead.


 33.9006, 0.3351,
0.3866


 33.9006, 0.3351,
0.3866


319.6886, 0.3237,
0.3557

 22.8172, 0.3379,
0.3951


 65.7791, 0.3309,
0.3748

 14.4586, 0.3416,
0.4064


 87.3430, 0.3294,
0.3705

 8.4403, 0.3463,
0.4224


 113.1692, 0.3281,
0.3670

 4.3780, 0.3526,
0.4464

143.6421, 0.3270,
0.3640

 1.8872, 0.3660,
0.4933

179.1461, 0.3260,
0.3615

 0.5406, 0.3217,
0.6783

220.0656, 0.3251,

 0.0000, 0.0000,

0.3593

0.0000

266.7849, 0.3244,
0.3573

■ 33.9006, 0.3351,
0.3866

■ 33.9006, 0.3351,
0.3866

■ 33.0690, 0.3446,
0.4135

■ 34.8216, 0.3253,
0.3605

■ 32.3189, 0.3533,
0.4404

■ 35.8307, 0.3155,
0.3357

■ 31.6480, 0.3607,
0.4664

■ 36.9326, 0.3059,
0.3126

■ 31.0521, 0.3665,
0.4902

■ 38.1303, 0.2967,
0.2913

■ 30.5267, 0.3701,
0.5109

■ 39.4263, 0.2880,
0.2719

■ 30.0666, 0.3712,
0.5274

■ 40.8235, 0.2799,
0.2543

■ 29.6656, 0.3700,
0.5393

■ 42.3244, 0.2724,
0.2384

■ 29.4042, 0.3682,
0.5459

■ 43.9313, 0.2655,
0.2241

■ 44.5850, 0.2689,
0.2248

Harmonies

Analogous

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



33.9006, 0.3624, 0.3818



33.9006, 0.3351, 0.3866



33.9006, 0.3027, 0.3738

Triad

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



33.9006, 0.3351, 0.3866



33.9006, 0.2526, 0.2907



33.9006, 0.3517, 0.3109

Complementary

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



33.9006, 0.3351, 0.3866



22.5188, 0.2866, 0.2687

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.



33.9006, 0.3203, 0.2895



33.9006, 0.3351, 0.3866



33.9006, 0.2640, 0.2774

Square

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



33.9006, 0.3351, 0.3866



33.9006, 0.2561, 0.3159



33.9006, 0.2883, 0.2773



33.9006, 0.3727, 0.3373

Rectangle

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



33.9006, 0.3351, 0.3866



33.9006, 0.2827, 0.3569



33.9006, 0.2883, 0.2773



33.9006, 0.3419, 0.3030

Sweetspot

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



33.9021, 0.3351, 0.3866



64.2356, 0.3197, 0.3462



26.6311, 0.3547, 0.3455



14.4042, 0.3202, 0.3476



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



33.9021, 0.3351, 0.3866



60.8158, 0.3396, 0.3992



32.3128, 0.3174, 0.3899



8.1309, 0.3218, 0.3515



23.1871, 0.3686, 0.5455



0.5098, 0.3880, 0.5302

Inverse Universe

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



22.5188, 0.2866, 0.2687



36.7302, 0.2802, 0.2548



24.1509, 0.3063, 0.2721



6.9574, 0.3031, 0.3061



2.5747, 0.1716, 0.0719



0.0775, 0.2119, 0.0941

Previews

White Background



This preview shows how the Yxy color 33.9006, 0.3351, 0.3866 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 33.9006, 0.3351, 0.3866 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 33.9006, 0.3351, 0.3866

Background



This preview shows how black text looks on a background with the Yxy color 33.9006, 0.3351, 0.3866.



This preview shows how white text looks on a background with the Yxy color 33.9006, 0.3351, 0.3866.

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

33.9006, 0.3351, 0.3866

Protanopia

33.8688, 0.3561, 0.3795

Deuteranopia

33.7328, 0.3704, 0.3630



Tritanopia

33.8096, 0.3021, 0.3099

Trichromacy



Original Color

33.9006, 0.3351, 0.3866

Protanomaly

33.9329, 0.3482, 0.3819

Deuteranomaly

33.6070, 0.3570, 0.3717

Tritanomaly

33.7222, 0.3143, 0.3365

Monochromacy



Original Color

33.9006, 0.3351, 0.3866

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.8694, 0.3216, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9006, 0.3351, 0.3866 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(151, 162, 125)` looks like.

```
.text, #text, p{  
    color:rgb(151, 162, 125)  
}
```

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(151, 162, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 162, 125) }
```

Border

The CSS property to change the border of an element to Yxy 33.9006, 0.3351, 0.3866 is called "border". The border property can be set on classes, ids or directly on the HTML element.

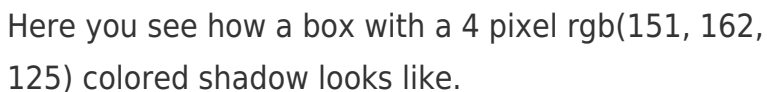
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 162, 125) }
```

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

```
.border{ border-color:rgb(151, 162, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 162, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 162, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 162, 125);  
box-shadow:4px 4px 4px 4px rgb(151, 162,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9006, 0.3351, 0.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 162, 125) }
```

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

```
.background{ background-color: rgb(151,  
162, 125) }
```

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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