

Converting Colors

$Yxy(38.0031, 0.3399, 0.3959)$

Have a look what the booklet for
Yxy(38.0031, 0.3399, 0.3959)
contains.

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Color

Yxy(38.0031, 0.3399, 0.3959)

Conversions

Conversions Part 1

Format	Color
Hex	9FAB7E
RGB	159, 171, 126
RGB Percent	62%, 67%, 49%
CMY	0.3765, 0.3294, 0.5058
CMYK	0.07, 0.00, 0.26, 0.33
HSL	76°, 21%, 58%
HSV	76°, 26%, 67%
XYZ	32.6276, 38.0031, 25.3610
YIQ	162.2820, 7.2930, -16.5390

Conversions

Conversions Part 2

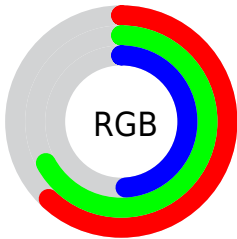
Format	Color
RYB	126, 171, 138
Decimal	10464126
CIELab	68.02, -12.07, 21.81
CIELCh	68, 24.931, 118.965
Yxy	38.0031, 0.3399, 0.3959
Android (android.graphics.Color)	4288654206 (0xFF9FAB7E)
YUV	162.2820, -17.8870, -2.8783
Hunter-Lab	61.6467, -13.4074, 18.7612

Details

The Yxy color **38.0031, 0.3399, 0.3959** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.2731, 0.2803, 0.2578**, and the grayscale version is **36.3547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9435, 0.3351, 0.3822**, and **16.8553, 0.3466, 0.4173** is the 20% darker color. If you saturate the color by 10%, you get **37.1423, 0.3497, 0.4227**, and if you desaturate by 10%, it is **38.9600, 0.3296, 0.3695**.

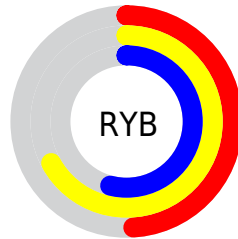
Distribution



Red (62%)

Green (67%)

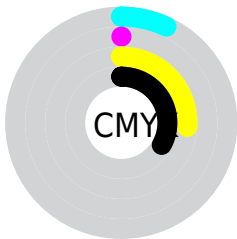
Blue (49%)



Red (49%)

Yellow (67%)

Blue (54%)

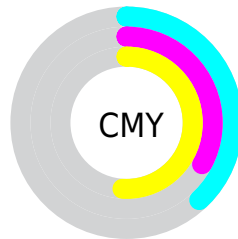


Cyan (7%)

Magenta (0%)

Yellow (26%)

Black (33%)



Cyan (38%)


Magenta (33%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0031, 0.3399, 0.3959 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 38.0031, 0.3399, 0.3959 by changing the saturation by 10% instead.


 38.0031, 0.3399,
0.3959


 38.0031, 0.3399,
0.3959


337.6333, 0.3264,
0.3606


 25.9851, 0.3432,
0.4053

 72.1129, 0.3351,
0.3826

 16.8125, 0.3472,
0.4178


 94.9735, 0.3332,
0.3777

 10.1009, 0.3524,
0.4349


 122.2170, 0.3317,
0.3737

 5.4659, 0.3589,
0.4599

154.2279, 0.3303,
0.3703

 2.5231, 0.3689,
0.5022

191.3906, 0.3291,
0.3673

 0.8882, 0.3822,
0.6178

234.0895, 0.3281,

 0.0000, 0.0000,

0.3648

0.0000

282.7089, 0.3272,
0.3625

■ 38.0031, 0.3399,
0.3959

■ 38.0031, 0.3399,
0.3959

■ 37.1423, 0.3497,
0.4227

■ 38.9600, 0.3296,
0.3695

■ 36.3684, 0.3586,
0.4491

■ 40.0116, 0.3192,
0.3442

■ 35.6789, 0.3661,
0.4740

■ 41.1632, 0.3090,
0.3204

■ 35.0689, 0.3716,
0.4963

■ 42.4181, 0.2992,
0.2983

■ 34.5331, 0.3748,
0.5149

■ 43.7795, 0.2899,
0.2781

■ 34.0652, 0.3756,
0.5292

■ 45.2502, 0.2812,
0.2597

■ 33.6569, 0.3740,
0.5388

■ 46.8333, 0.2731,
0.2430

■ 33.5146, 0.3731,
0.5419

■ 48.0172, 0.2705,
0.2351

■ 48.6366, 0.2739,
0.2360

Harmonies

Analogous

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



38.0031, 0.3709, 0.3888



38.0031, 0.3399, 0.3959



38.0031, 0.3028, 0.3823

Triad

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



38.0031, 0.3399, 0.3959



38.0031, 0.2438, 0.2859



38.0031, 0.3560, 0.3068

Complementary

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



38.0031, 0.3399, 0.3959



23.2731, 0.2803, 0.2578

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.



38.0031, 0.3194, 0.2830



38.0031, 0.3399, 0.3959



38.0031, 0.2559, 0.2703

Square

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



38.0031, 0.3399, 0.3959



38.0031, 0.2486, 0.3151



38.0031, 0.2829, 0.2697



38.0031, 0.3812, 0.3365

Rectangle

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



38.0031, 0.3399, 0.3959



38.0031, 0.2797, 0.3629



38.0031, 0.2829, 0.2697



38.0031, 0.3445, 0.2979

Sweetspot

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



38.0048, 0.3399, 0.3959



71.2965, 0.3211, 0.3488



28.3469, 0.3632, 0.3472



15.8360, 0.3226, 0.3524



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



38.0048, 0.3399, 0.3959



67.0756, 0.3461, 0.4127



35.9117, 0.3187, 0.4006



9.2211, 0.3223, 0.3517



25.2906, 0.3736, 0.5416



0.7284, 0.3882, 0.5300

Inverse Universe

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



23.2731, 0.2803, 0.2578



35.8778, 0.2709, 0.2385



25.3936, 0.3042, 0.2626



7.8568, 0.3025, 0.3058



2.6707, 0.1676, 0.0697



0.1012, 0.2012, 0.0882

Previews

White Background



This preview shows how the Yxy color 38.0031, 0.3399, 0.3959 looks on a white background.

Color Contrast Check

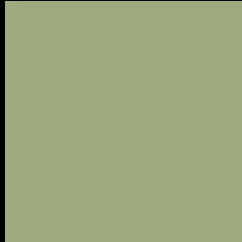
Large Text (above 18pt) WCAG AA × Fail

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 38.0031, 0.3399, 0.3959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

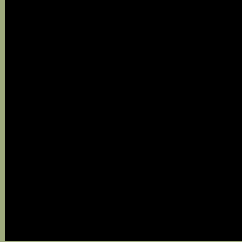
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0031, 0.3399, 0.3959

Background



This preview shows how black text looks on a background with the Yxy color 38.0031, 0.3399, 0.3959.



This preview shows how white text looks on a background with the Yxy color 38.0031, 0.3399, 0.3959.

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

38.0031, 0.3399, 0.3959

Protanopia

37.7126, 0.3615, 0.3871

Deuteranopia

37.8506, 0.3767, 0.3693



Tritanopia

37.8322, 0.3035, 0.3108

Trichromacy



Original Color

38.0031, 0.3399, 0.3959

Protanomaly

37.6641, 0.3528, 0.3897

Deuteranomaly

37.5767, 0.3627, 0.3780

Tritanomaly

37.8926, 0.3167, 0.3420

Monochromacy



Original Color

38.0031, 0.3399, 0.3959

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.6573, 0.3229, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0031, 0.3399, 0.3959 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(159, 171, 126)` looks like.

```
.text, #text, p{  
    color:rgb(159, 171, 126)  
}
```

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(159, 171, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 171, 126) }
```

Border

The CSS property to change the border of an element to Yxy 38.0031, 0.3399, 0.3959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

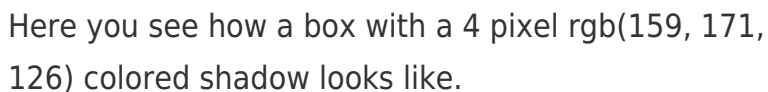
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 171, 126) }
```

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

```
.border{ border-color:rgb(159, 171, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 171, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 171, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 171, 126); box-shadow:4px 4px 4px 4px rgb(159, 171, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0031, 0.3399, 0.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 171, 126) }
```

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

```
.background{ background-color: rgb(159,  
171, 126) }
```

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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