

Converting Colors

$Yxy(38.4539, 0.3325, 0.4015)$

Have a look what the booklet for
Yxy(38.4539, 0.3325, 0.4015)
contains.

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Color

Yxy(38.4539, 0.3325, 0.4015)

Conversions

Conversions Part 1

Format	Color
Hex	98AE7E
RGB	152, 174, 126
RGB Percent	60%, 68%, 49%
CMY	0.4040, 0.3176, 0.5059
CMYK	0.13, 0.00, 0.28, 0.32
HSL	88°, 23%, 59%
HSV	88°, 28%, 68%
XYZ	31.8454, 38.4539, 25.4763
YIQ	161.9500, 2.2960, -19.5920

Conversions

Conversions Part 2

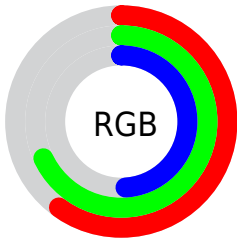
Format	Color
RYB	126, 174, 148
Decimal	10006142
CIELab	68.35, -16.32, 22.20
CIElCh	68, 27.550, 126.325
Yxy	38.4539, 0.3325, 0.4015
Android (android.graphics.Color)	4288196222 (0xFF98AE7E)
YUV	161.9500, -17.7233, -8.7261
Hunter-Lab	62.0112, -16.8523, 19.0495

Details

The Yxy color **38.4539, 0.3325, 0.4015** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.2725, 0.2879, 0.2558**, and the grayscale version is **36.1881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1137, 0.3293, 0.3873**, and **17.1642, 0.3360, 0.4255** is the 20% darker color. If you saturate the color by 10%, you get **37.3001, 0.3389, 0.4303**, and if you desaturate by 10%, it is **39.7411, 0.3255, 0.3737**.

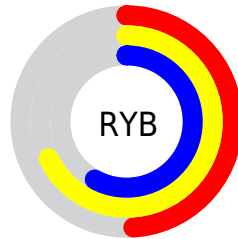
Distribution



Red (60%)

Green (68%)

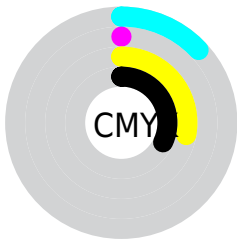
Blue (49%)



Red (49%)

Yellow (68%)

Blue (58%)

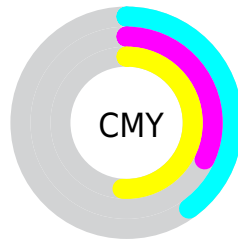


Cyan (13%)

Magenta (0%)

Yellow (28%)

Black (32%)



Cyan (40%)


Magenta (32%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4539, 0.3325, 0.4015 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 38.4539, 0.3325, 0.4015 by changing the saturation by 10% instead.

 38.4539, 0.3325,
0.4015


 38.4539, 0.3325,
0.4015

339.5631, 0.3230,
0.3630


 26.3352, 0.3346,
0.4118


 72.8033, 0.3292,
0.3870

 17.0745, 0.3372,
0.4256

 95.8028, 0.3279,
0.3817

 10.2877, 0.3403,
0.4446


 123.1980, 0.3268,
0.3773

 5.5901, 0.3436,
0.4725

155.3732, 0.3258,
0.3735

 2.5975, 0.3480,
0.5198

192.7130, 0.3250,
0.3703

 0.9254, 0.3418,
0.6582

235.6016, 0.3243,

 0.0000, 0.0000,

0.3676

0.0000

284.4235, 0.3236,
0.3651

■ 38.4539, 0.3325,
0.4015

■ 38.4539, 0.3325,
0.4015

■ 37.3001, 0.3389,
0.4303

■ 39.7411, 0.3255,
0.3737

■ 36.2695, 0.3443,
0.4593

■ 41.1615, 0.3182,
0.3476

■ 35.3585, 0.3483,
0.4873

■ 42.7211, 0.3110,
0.3234

■ 34.5611, 0.3504,
0.5129

■ 44.4242, 0.3039,
0.3013

■ 33.8706, 0.3503,
0.5347

■ 46.2748, 0.2971,
0.2814

■ 33.2794, 0.3480,
0.5516

■ 48.2768, 0.2907,
0.2635

■ 32.7765, 0.3437,
0.5636

■ 50.4340, 0.2848,
0.2475

■ 32.6646, 0.3426,
0.5661

■ 52.0757, 0.2859,
0.2423

■ 53.3210, 0.2921,
0.2438

Harmonies

Analogous

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



38.4539, 0.3694, 0.3985



38.4539, 0.3325, 0.4015



38.4539, 0.2918, 0.3810

Triad

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



38.4539, 0.3325, 0.4015



38.4539, 0.2389, 0.2758



38.4539, 0.3689, 0.3121

Complementary

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



38.4539, 0.3325, 0.4015



24.2725, 0.2879, 0.2558

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.



38.4539, 0.3303, 0.2842



38.4539, 0.3325, 0.4015



38.4539, 0.2563, 0.2631

Square

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



38.4539, 0.3325, 0.4015



38.4539, 0.2395, 0.3044



38.4539, 0.2890, 0.2666



38.4539, 0.3919, 0.3452

Rectangle

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



38.4539, 0.3325, 0.4015



38.4539, 0.2681, 0.3571



38.4539, 0.2890, 0.2666



38.4539, 0.3571, 0.3020

Sweetspot

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



38.4556, 0.3325, 0.4015



74.5047, 0.3186, 0.3489



31.5597, 0.3630, 0.3608



16.4713, 0.3197, 0.3527



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



38.4556, 0.3325, 0.4015



68.4613, 0.3364, 0.4187



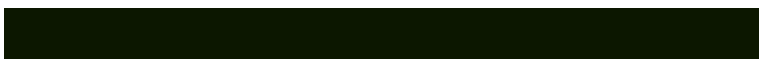
36.4023, 0.3111, 0.4065



9.1447, 0.3195, 0.3519



23.7234, 0.3434, 0.5655



0.6920, 0.3662, 0.5474

Inverse Universe

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



24.2725, 0.2879, 0.2558



38.5114, 0.2812, 0.2383



26.7007, 0.3132, 0.2611



7.9305, 0.3055, 0.3061



3.4838, 0.1962, 0.0854



0.1297, 0.2319, 0.1051

Previews

White Background



This preview shows how the Yxy color 38.4539, 0.3325, 0.4015 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 38.4539, 0.3325, 0.4015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

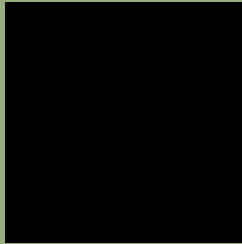
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

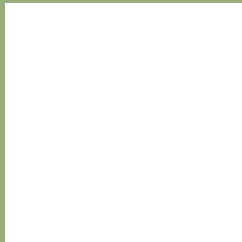
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.4539, 0.3325, 0.4015

Background



This preview shows how black text looks on a background with the Yxy color 38.4539, 0.3325, 0.4015.



This preview shows how white text looks on a background with the Yxy color 38.4539, 0.3325, 0.4015.

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

38.4539, 0.3325, 0.4015

Protanopia

38.2862, 0.3641, 0.3894

Deuteranopia

38.3287, 0.3773, 0.3704



Tritanopia

38.4063, 0.2957, 0.3107

Trichromacy



Original Color

38.4539, 0.3325, 0.4015

Protanomaly

38.2662, 0.3521, 0.3941

Deuteranomaly

38.0525, 0.3599, 0.3810

Tritanomaly

38.4556, 0.3093, 0.3436

Monochromacy



Original Color

38.4539, 0.3325, 0.4015

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.7115, 0.3200, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4539, 0.3325, 0.4015 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(152, 174, 126)` looks like.

```
.text, #text, p{  
    color:rgb(152, 174, 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(152, 174, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 174, 126) }
```

Border

The CSS property to change the border of an element to Yxy 38.4539, 0.3325, 0.4015 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(152, 174, 126) }
```

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

```
.border{ border-color:rgb(152, 174, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 174, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 174, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 174, 126);  
box-shadow:4px 4px 4px 4px rgb(152, 174,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4539, 0.3325, 0.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 174, 126) }
```

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

```
.background{ background-color: rgb(152,  
174, 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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