

Converting Colors

$Y_{xy}(35.5068, 0.3403, 0.3849)$

Have a look what the booklet for
Yxy(35.5068, 0.3403, 0.3849)
contains.

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Color

Yxy(35.4542, 0.3409, 0.3848)

Conversions

Conversions Part 1

Format	Color
Hex	9FA47F
RGB	159, 164, 127
RGB Percent	62%, 64%, 50%
CMY	0.3764, 0.3569, 0.5019
CMYK	0.03, 0.00, 0.23, 0.36
HSL	68°, 17%, 57%
HSV	68°, 23%, 64%
XYZ	31.4094, 35.4542, 25.2731
YIQ	158.2870, 8.8970, -12.5670

Conversions

Conversions Part 2

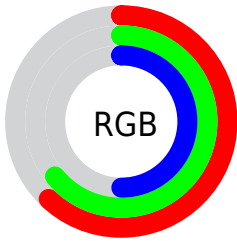
Format	Color
RYB	127, 164, 132
Decimal	10462335
CIELab	66.10, -8.20, 18.64
CIELCh	66, 20.365, 113.746
Yxy	35.4542, 0.3409, 0.3848
Android (android.graphics.Color)	4288652415 (0xFF9FA47F)
YUV	158.2870, -15.4245, 0.6253
Hunter-Lab	59.5434, -10.0415, 16.5149

Details

The Yxy color **35.4542, 0.3409, 0.3848** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.7687, 0.2806, 0.2684**, and the grayscale version is **34.4006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2545, 0.3356, 0.3736**, and **15.2642, 0.3487, 0.4022** is the 20% darker color. If you saturate the color by 10%, you get **34.8390, 0.3533, 0.4103**, and if you desaturate by 10%, it is **36.1462, 0.3283, 0.3595**.

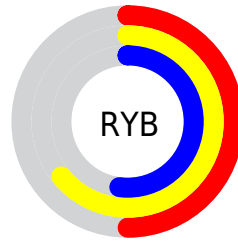
Distribution



Red (62%)

Green (64%)

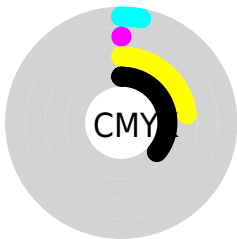
Blue (50%)



Red (50%)

Yellow (64%)

Blue (52%)

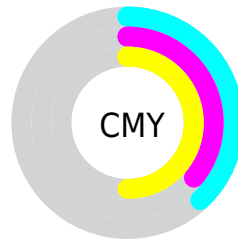


Cyan (3%)

Magenta (0%)

Yellow (23%)

Black (36%)



Cyan (38%)

Magenta (36%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4542, 0.3409, 0.3848 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 35.4542, 0.3409, 0.3848 by changing the saturation by 10% instead.


 35.4542, 0.3409,
0.3848


 35.4542, 0.3409,
0.3848


326.5686, 0.3265,
0.3552

 24.0130, 0.3445,
0.3928


 68.1888, 0.3356,
0.3736

 15.3432, 0.3492,
0.4034


 90.2510, 0.3337,
0.3695

 9.0606, 0.3554,
0.4181

 116.6222, 0.3320,
0.3661

 4.7808, 0.3638,
0.4397

147.6869, 0.3306,
0.3633

 2.1192, 0.3782,
0.4780

183.8295, 0.3293,
0.3608

 0.6754, 0.3954,
0.6046

225.4344, 0.3283,

 0.0000, 0.0000,

0.3587

0.0000

272.8860, 0.3273,
0.3568

■ 35.4542, 0.3409,
0.3848

■ 35.4542, 0.3409,
0.3848

■ 34.8390, 0.3533,
0.4103

■ 36.1462, 0.3283,
0.3595

■ 34.2925, 0.3649,
0.4352

■ 36.9133, 0.3158,
0.3350

■ 33.8126, 0.3753,
0.4586

■ 37.7602, 0.3038,
0.3119

■ 33.3952, 0.3840,
0.4795

■ 38.6897, 0.2924,
0.2902

■ 33.0359, 0.3905,
0.4968

■ 39.7043, 0.2816,
0.2703

■ 32.7296, 0.3945,
0.5101

■ 40.8067, 0.2717,
0.2521

■ 32.4702, 0.3960,
0.5190

■ 41.9993, 0.2626,
0.2355

■ 32.2968, 0.3961,
0.5237

■ 43.0754, 0.2561,
0.2235

■ 43.3355, 0.2577,
0.2239

Harmonies

Analogous

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



35.4542, 0.3649, 0.3768



35.4542, 0.3409, 0.3848



35.4542, 0.3101, 0.3762

Triad

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



35.4542, 0.3409, 0.3848



35.4542, 0.2542, 0.2967



35.4542, 0.3441, 0.3064

Complementary

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



35.4542, 0.3409, 0.3848



22.7687, 0.2806, 0.2684

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.



35.4542, 0.3129, 0.2874



35.4542, 0.3409, 0.3848



35.4542, 0.2621, 0.2810

Square

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



35.4542, 0.3409, 0.3848



35.4542, 0.2609, 0.3229



35.4542, 0.2831, 0.2781



35.4542, 0.3672, 0.3312

Rectangle

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



35.4542, 0.3409, 0.3848



35.4542, 0.2900, 0.3618



35.4542, 0.2831, 0.2781



35.4542, 0.3341, 0.2992

Sweetspot

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



35.4558, 0.3409, 0.3848



66.3522, 0.3215, 0.3461



25.9139, 0.3559, 0.3368



14.4892, 0.3222, 0.3475



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.



35.4558, 0.3409, 0.3848



63.7907, 0.3471, 0.3975



33.7077, 0.3226, 0.3881



8.1888, 0.3242, 0.3514



24.7802, 0.3963, 0.5235



0.5332, 0.4052, 0.5165

Inverse Universe

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



22.7687, 0.2806, 0.2684



36.6721, 0.2723, 0.2531



24.3898, 0.3003, 0.2718



6.9035, 0.3007, 0.3059



2.1989, 0.1562, 0.0634



0.0587, 0.1800, 0.0765

Previews

White Background



This preview shows how the Yxy color 35.4542, 0.3409, 0.3848 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 35.4542, 0.3409, 0.3848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

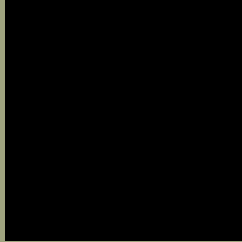
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

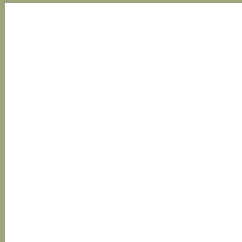
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.4542, 0.3409, 0.3848

Background



This preview shows how black text looks on a background with the Yxy color 35.4542, 0.3409, 0.3848.



This preview shows how white text looks on a background with the Yxy color 35.4542, 0.3409, 0.3848.

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

35.4542, 0.3409, 0.3848

Protanopia

35.2802, 0.3563, 0.3801

Deuteranopia

35.2610, 0.3714, 0.3637



Tritanopia

35.3933, 0.3079, 0.3105

Trichromacy



Original Color

35.4542, 0.3409, 0.3848

Protanomaly

35.2116, 0.3508, 0.3807

Deuteranomaly

35.3593, 0.3604, 0.3720

Tritanomaly

35.2947, 0.3201, 0.3363

Monochromacy



Original Color

35.4542, 0.3409, 0.3848

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.5173, 0.3225, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4542, 0.3409, 0.3848 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, 164, 127)` looks like.

```
.text, #text, p{  
    color:rgb(159, 164, 127)  
}
```

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, 164, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 164, 127) }
```

Border

The CSS property to change the border of an element to Yxy 35.4542, 0.3409, 0.3848 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, 164, 127) }
```

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

```
.border{ border-color:rgb(159, 164, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 164, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 164, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 164, 127);  
box-shadow:4px 4px 4px 4px rgb(159, 164,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4542, 0.3409, 0.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 164, 127) }
```

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

```
.background{ background-color: rgb(159,  
164, 127) }
```

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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