

Converting Colors

$Yxy(34.9532, 0.3359, 0.3858)$

Have a look what the booklet for
Yxy(34.9532, 0.3359, 0.3858)
contains.

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Color

Yxy(34.9532, 0.3359, 0.3858)

Conversions

Conversions Part 1

Format	Color
Hex	9AA47F
RGB	154, 164, 127
RGB Percent	60%, 64%, 50%
CMY	0.3961, 0.3568, 0.5020
CMYK	0.06, 0.00, 0.23, 0.36
HSL	76°, 17%, 57%
HSV	76°, 23%, 64%
XYZ	30.4323, 34.9532, 25.2138
YIQ	156.7920, 5.9170, -13.6270

Conversions

Conversions Part 2

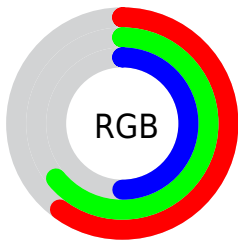
Format	Color
RYB	127, 164, 137
Decimal	10134655
CIELab	65.71, -10.15, 18.07
CIElCh	66, 20.722, 119.322
Yxy	34.9532, 0.3359, 0.3858
Android (android.graphics.Color)	4288324735 (0xFF9AA47F)
YUV	156.7920, -14.6875, -2.4486
Hunter-Lab	59.1212, -11.5804, 16.0991

Details

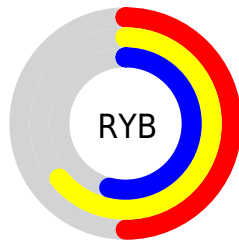
The Yxy color **34.9532, 0.3359, 0.3858** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.1703, 0.2858, 0.2692**, and the grayscale version is **33.6842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5136, 0.3318, 0.3742**, and **15.0220, 0.3429, 0.4036** is the 20% darker color. If you saturate the color by 10%, you get **34.1348, 0.3459, 0.4125**, and if you desaturate by 10%, it is **35.8603, 0.3256, 0.3598**.

Distribution



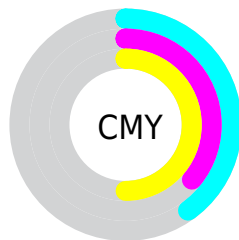
- Red (60%)
- Green (64%)
- Blue (50%)



- Red (50%)
- Yellow (64%)
- Blue (54%)



- Cyan (6%)
- Magenta (0%)
- Yellow (23%)
- Black (36%)





- Cyan (40%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9532, 0.3359, 0.3858 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 34.9532, 0.3359, 0.3858 by changing the saturation by 10% instead.

 34.9532, 0.3359,
0.3858


 34.9532, 0.3359,
0.3858


324.3617, 0.3241,
0.3555


 23.6268, 0.3388,
0.3940


 67.4133, 0.3316,
0.3743

 15.0570, 0.3426,
0.4051


 89.3157, 0.3300,
0.3701

 8.8594, 0.3475,
0.4204


 115.5124, 0.3286,
0.3666

 4.6496, 0.3540,
0.4433

146.3876, 0.3275,
0.3637

 2.0432, 0.3656,
0.4848

182.3257, 0.3265,
0.3612

 0.6324, 0.3585,
0.6415

223.7112, 0.3256,

 0.0000, 0.0000,

0.3590

0.0000

270.9284, 0.3248,
0.3571

■ 34.9532, 0.3359,
0.3858

■ 34.9532, 0.3359,
0.3858

■ 34.1348, 0.3459,
0.4125

■ 35.8603, 0.3256,
0.3598

■ 33.3970, 0.3551,
0.4391

■ 36.8548, 0.3153,
0.3351

■ 32.7375, 0.3631,
0.4647

■ 37.9414, 0.3053,
0.3120

■ 32.1521, 0.3693,
0.4881

■ 39.1229, 0.2958,
0.2907

■ 31.6362, 0.3734,
0.5083

■ 40.4023, 0.2868,
0.2712

■ 31.1845, 0.3751,
0.5243

■ 41.7822, 0.2784,
0.2535

■ 30.7908, 0.3744,
0.5358

■ 43.2651, 0.2706,
0.2375

■ 30.5253, 0.3727,
0.5422

■ 44.6468, 0.2654,
0.2260

■ 45.2235, 0.2687,
0.2269

Harmonies

Analogous

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



34.9532, 0.3624, 0.3805



34.9532, 0.3359, 0.3858



34.9532, 0.3041, 0.3738

Triad

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



34.9532, 0.3359, 0.3858



34.9532, 0.2533, 0.2921



34.9532, 0.3501, 0.3103

Complementary

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



34.9532, 0.3359, 0.3858



23.1703, 0.2858, 0.2692

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.



34.9532, 0.3190, 0.2894



34.9532, 0.3359, 0.3858



34.9532, 0.2641, 0.2784

Square

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



34.9532, 0.3359, 0.3858



34.9532, 0.2574, 0.3172



34.9532, 0.2876, 0.2779



34.9532, 0.3713, 0.3362

Rectangle

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



34.9532, 0.3359, 0.3858



34.9532, 0.2842, 0.3575



34.9532, 0.2876, 0.2779



34.9532, 0.3404, 0.3025

Sweetspot

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



34.9547, 0.3359, 0.3858



66.0514, 0.3200, 0.3462



27.2741, 0.3544, 0.3444



14.4185, 0.3206, 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.



34.9547, 0.3359, 0.3858



62.6924, 0.3409, 0.3989



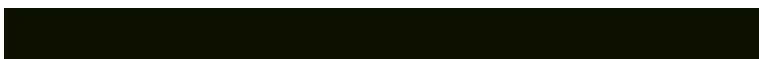
33.2864, 0.3179, 0.3891



8.1407, 0.3222, 0.3515



23.4283, 0.3732, 0.5419



0.5136, 0.3909, 0.5278

Inverse Universe

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



23.1703, 0.2858, 0.2692



37.5339, 0.2788, 0.2545



24.8586, 0.3057, 0.2726



6.9482, 0.3027, 0.3061



2.4913, 0.1682, 0.0700



0.0743, 0.2068, 0.0913

Previews

White Background



This preview shows how the Yxy color 34.9532, 0.3359, 0.3858 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 34.9532, 0.3359, 0.3858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

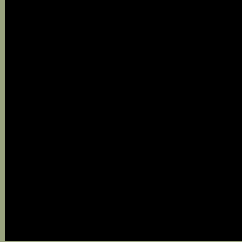
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

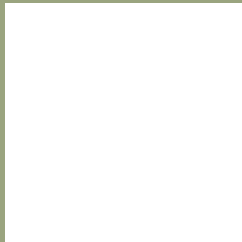
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.9532, 0.3359, 0.3858

Background



This preview shows how black text looks on a background with the Yxy color 34.9532, 0.3359, 0.3858.



This preview shows how white text looks on a background with the Yxy color 34.9532, 0.3359, 0.3858.

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

34.9532, 0.3359, 0.3858

Protanopia

34.8230, 0.3556, 0.3789

Deuteranopia

34.6817, 0.3697, 0.3626



Tritanopia

34.8676, 0.3031, 0.3102

Trichromacy



Original Color

34.9532, 0.3359, 0.3858

Protanomaly

34.8886, 0.3477, 0.3813

Deuteranomaly

34.6711, 0.3576, 0.3711

Tritanomaly

34.7773, 0.3153, 0.3364

Monochromacy



Original Color

34.9532, 0.3359, 0.3858

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.2849, 0.3214, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9532, 0.3359, 0.3858 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, 164, 127)` looks like.

```
.text, #text, p{  
    color:rgb(154, 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(154, 164, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 164, 127) }
```

Border

The CSS property to change the border of an element to Yxy 34.9532, 0.3359, 0.3858 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, 164, 127) }
```

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

```
.border{ border-color:rgb(154, 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(154, 164, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 164, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 164, 127);  
box-shadow:4px 4px 4px 4px rgb(154, 164,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9532, 0.3359, 0.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 164, 127) }
```

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

```
.background{ background-color: rgb(154,  
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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