

Converting Colors

$Yxy(35.3354, 0.3521, 0.4321)$

Have a look what the booklet for
Yxy(35.3354, 0.3521, 0.4321)
contains.

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Color

Yxy(35.3344, 0.3519, 0.4325)

Conversions

Conversions Part 1

Format	Color
Hex	95A865
RGB	149, 168, 101
RGB Percent	58%, 66%, 40%
CMY	0.4156, 0.3412, 0.6040
CMYK	0.11, 0.00, 0.40, 0.34
HSL	77°, 28%, 53%
HSV	77°, 40%, 66%
XYZ	28.7495, 35.3344, 17.6141
YIQ	154.6810, 10.1830, -24.8650

Conversions

Conversions Part 2

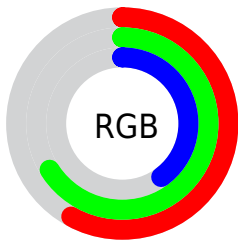
Format	Color
RYB	101, 168, 120
Decimal	9807973
CIELab	66.01, -17.85, 32.42
CIELCh	66, 37.006, 118.836
Yxy	35.3344, 0.3519, 0.4325
Android (android.graphics.Color)	4287998053 (0xFF95A865)
YUV	154.6810, -26.4647, -4.9822
Hunter-Lab	59.4427, -17.6931, 24.0411

Details

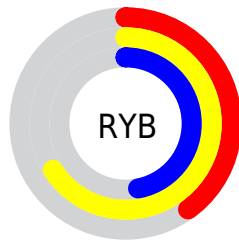
The Yxy color **35.3344, 0.3519, 0.4325** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.1228, 0.2605, 0.2158**, and the grayscale version is **32.7481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9126, 0.3453, 0.4111**, and **15.2801, 0.3612, 0.4680** is the 20% darker color. If you saturate the color by 10%, you get **34.6013, 0.3600, 0.4587**, and if you desaturate by 10%, it is **36.1562, 0.3426, 0.4056**.

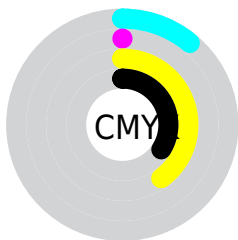
Distribution



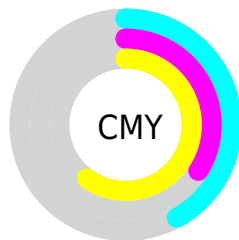
- Red (58%)
- Green (66%)
- Blue (40%)



- Red (40%)
- Yellow (66%)
- Blue (47%)



- Cyan (11%)
- Magenta (0%)
- Yellow (40%)
- Black (34%)





- Cyan (42%)
- Magenta (34%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3344, 0.3519, 0.4325 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 35.3344, 0.3519, 0.4325 by changing the saturation by 10% instead.


 35.3344, 0.3519,
0.4325


 35.3344, 0.3519,
0.4325


326.0419, 0.3330,
0.3770

 23.9206, 0.3560,
0.4474


 68.0035, 0.3454,
0.4115


 15.2747, 0.3608,
0.4671


 90.0275, 0.3428,
0.4038

 9.0124, 0.3660,
0.4940


 116.3571, 0.3406,
0.3975

 4.7493, 0.3705,
0.5322

 147.3766, 0.3387,
0.3921

 2.1009, 0.3855,
0.6145

183.4705, 0.3370,
0.3875

 0.6651, 0.2280,
0.7720

225.0230, 0.3355,

 0.0000, 0.0000,

0.3835

0.0000

272.4187, 0.3342,
0.3800

■ 35.3344, 0.3519,
0.4325

■ 35.3344, 0.3519,
0.4325

■ 34.6013, 0.3600,
0.4587

■ 36.1562, 0.3426,
0.4056

■ 33.9479, 0.3666,
0.4831

■ 37.0660, 0.3328,
0.3789

■ 33.3709, 0.3711,
0.5045


■ 38.0691, 0.3226,
0.3531


■ 32.8649, 0.3732,
0.5220


■ 39.1690, 0.3126,
0.3287


■ 32.4236, 0.3728,
0.5349


■ 40.3689, 0.3029,
0.3061


 32.0333, 0.3705,
0.5440

 41.6719, 0.2936,
0.2852

 32.0289, 0.3705,
0.5441

 43.0810, 0.2849,
0.2663

 44.5991, 0.2768,
0.2491

 46.2288, 0.2693,
0.2336

Harmonies

Analogous

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



35.3344, 0.3994, 0.4176



35.3344, 0.3519, 0.4325



35.3344, 0.2963, 0.4131

Triad

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



35.3344, 0.3519, 0.4325



35.3344, 0.2116, 0.2631



35.3344, 0.3782, 0.2952

Complementary

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



35.3344, 0.3519, 0.4325



16.1228, 0.2605, 0.2158

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.



35.3344, 0.3216, 0.2616



35.3344, 0.3519, 0.4325



35.3344, 0.2286, 0.2421

Square

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



35.3344, 0.3519, 0.4325



35.3344, 0.2180, 0.3060



35.3344, 0.2672, 0.2425



35.3344, 0.4174, 0.3375

Rectangle

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



35.3344, 0.3519, 0.4325



35.3344, 0.2623, 0.3819



35.3344, 0.2672, 0.2425



35.3344, 0.3603, 0.2827

Sweetspot

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



35.3360, 0.3519, 0.4325



68.6441, 0.3250, 0.3590



22.4241, 0.3992, 0.3570



14.9117, 0.3263, 0.3621



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



35.3360, 0.3519, 0.4325



62.9186, 0.3593, 0.4561



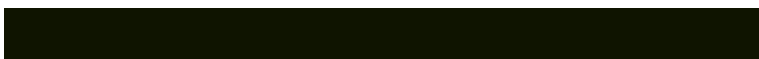
32.6997, 0.3207, 0.4436



8.6655, 0.3220, 0.3516



24.2146, 0.3709, 0.5437



0.6130, 0.3878, 0.5303

Inverse Universe

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



16.1228, 0.2605, 0.2158



23.0874, 0.2455, 0.1870



18.8431, 0.2982, 0.2271



7.3995, 0.3028, 0.3060



2.6244, 0.1696, 0.0708



0.0892, 0.2066, 0.0912

Previews

White Background



This preview shows how the Yxy color 35.3344, 0.3519, 0.4325 looks on a white background.

Color Contrast Check

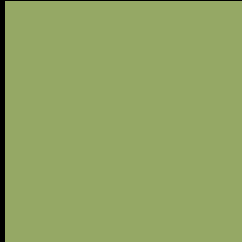
Large Text (above 18pt) WCAG AA × Fail

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 35.3344, 0.3519, 0.4325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

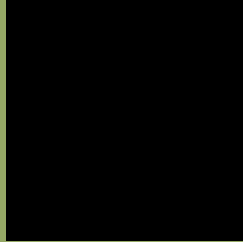
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3344, 0.3519, 0.4325

Background



This preview shows how black text looks on a background with the Yxy color 35.3344, 0.3519, 0.4325.



This preview shows how white text looks on a background with the Yxy color 35.3344, 0.3519, 0.4325.

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

35.3344, 0.3519, 0.4325

Protanopia

35.1374, 0.3854, 0.4172

Deuteranopia

35.1194, 0.4032, 0.3947



Tritanopia

35.3893, 0.3004, 0.3116

Trichromacy



Original Color

35.3344, 0.3519, 0.4325

Protanomaly

35.2022, 0.3733, 0.4229

Deuteranomaly

34.7801, 0.3841, 0.4072

Tritanomaly

35.2383, 0.3201, 0.3546

Monochromacy



Original Color

35.3344, 0.3519, 0.4325

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.6632, 0.3285, 0.3676

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3344, 0.3519, 0.4325 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(149, 168, 101)` looks like.

```
.text, #text, p{  
    color:rgb(149, 168, 101)  
}
```

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(149, 168, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 168, 101) }
```

Border

The CSS property to change the border of an element to Yxy 35.3344, 0.3519, 0.4325 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(149, 168, 101) }
```

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

```
.border{ border-color:rgb(149, 168, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 168, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 168, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 168, 101);  
box-shadow:4px 4px 4px 4px rgb(149, 168,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3344, 0.3519, 0.4325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 168, 101) }
```

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

```
.background{ background-color: rgb(149,  
168, 101) }
```

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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