

Converting Colors

Yxy(39.9266, 0.3530, 0.4103)

Have a look what the booklet for
Yxy(39.9266, 0.3530, 0.4103)
contains.

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Color

Yxy(39.7956, 0.3535, 0.4096)

Conversions

Conversions Part 1

Format	Color
Hex	A7AE76
RGB	167, 174, 118
RGB Percent	65%, 68%, 46%
CMY	0.3451, 0.3176, 0.5372
CMYK	0.04, 0.00, 0.32, 0.32
HSL	67°, 26%, 57%
HSV	67°, 32%, 68%
XYZ	34.3451, 39.7956, 23.0165
YIQ	165.5230, 13.8040, -18.9000

Conversions

Conversions Part 2

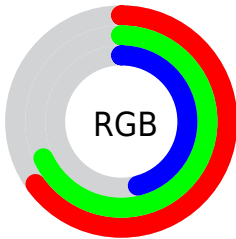
Format	Color
RYB	118, 174, 125
Decimal	10989174
CIELab	69.32, -11.64, 27.97
CIELCh	69, 30.296, 112.598
Yxy	39.7956, 0.3535, 0.4096
Android (android.graphics.Color)	4289179254 (0xFFA7AE76)
YUV	165.5230, -23.4288, 1.2953
Hunter-Lab	63.0838, -13.2147, 22.5263

Details

The Yxy color **39.7956, 0.3535, 0.4096** is a light color, and the websafe version is hex **999966**. A complement of this color would be **20.3784, 0.2633, 0.2377**, and the grayscale version is **38.0035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6669, 0.3464, 0.3931**, and **17.9261, 0.3634, 0.4351** is the 20% darker color. If you saturate the color by 10%, you get **39.1864, 0.3654, 0.4345**, and if you desaturate by 10%, it is **40.4886, 0.3409, 0.3840**.

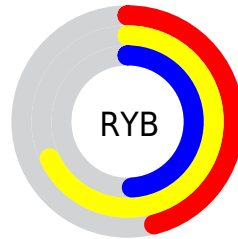
Distribution



Red (65%)

Green (68%)

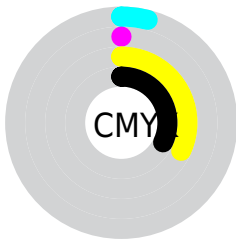
Blue (46%)



Red (46%)

Yellow (68%)

Blue (49%)

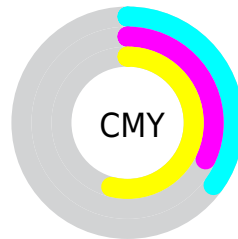


Cyan (4%)

Magenta (0%)

Yellow (32%)

Black (32%)



Cyan (35%)


Magenta (32%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7956, 0.3535, 0.4096 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 39.7956, 0.3535, 0.4096 by changing the saturation by 10% instead.


 39.7956, 0.3535,
0.4096


 39.7956, 0.3535,
0.4096


345.2613, 0.3334,
0.3675


 27.3792, 0.3583,
0.4206


 74.8522, 0.3464,
0.3939

 17.8582, 0.3641,
0.4348

 98.2611, 0.3436,
0.3882

 10.8482, 0.3714,
0.4541


 126.1031, 0.3413,
0.3833

 5.9649, 0.3803,
0.4811

158.7624, 0.3393,
0.3792

 2.8237, 0.3980,
0.5316

196.6235, 0.3375,
0.3757

 1.0404, 0.4011,
0.5989

240.0707, 0.3360,

 0.0000, 0.0000,

0.3726

0.0000

289.4885, 0.3346,
0.3699

■ 39.7956, 0.3535,
0.4096

■ 39.7956, 0.3535,
0.4096

■ 39.1864, 0.3654,
0.4345

■ 40.4886, 0.3409,
0.3840

■ 38.6515, 0.3760,
0.4579

■ 41.2641, 0.3281,
0.3587

■ 38.1880, 0.3850,
0.4787


■ 42.1274, 0.3154,
0.3342

■ 37.7909, 0.3916,
0.4960

■ 43.0819, 0.3032,
0.3109

■ 37.4541, 0.3959,
0.5091

■ 44.1309, 0.2916,
0.2893

 37.1707, 0.3975,
0.5179

 45.2774, 0.2808,
0.2693

 36.9743, 0.3976,
0.5225

 46.5243, 0.2707,
0.2510

 47.7307, 0.2629,
0.2365

 48.0018, 0.2644,
0.2369

Harmonies

Analogous

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



39.7956, 0.3878, 0.3953



39.7956, 0.3535, 0.4096



39.7956, 0.3097, 0.3992

Triad

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



39.7956, 0.3535, 0.4096



39.7956, 0.2308, 0.2833



39.7956, 0.3558, 0.2958

Complementary

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



39.7956, 0.3535, 0.4096



20.3784, 0.2633, 0.2377

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.



39.7956, 0.3107, 0.2703



39.7956, 0.3535, 0.4096



39.7956, 0.2409, 0.2616

Square

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



39.7956, 0.3535, 0.4096



39.7956, 0.2404, 0.3207



39.7956, 0.2690, 0.2578



39.7956, 0.3903, 0.3295

Rectangle

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



39.7956, 0.3535, 0.4096



39.7956, 0.2813, 0.3783



39.7956, 0.2690, 0.2578



39.7956, 0.3412, 0.2861

Sweetspot

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



39.7974, 0.3535, 0.4096



75.1486, 0.3255, 0.3537



24.8611, 0.3819, 0.3390



16.6565, 0.3273, 0.3571



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.



39.7974, 0.3535, 0.4096



71.3423, 0.3625, 0.4285



37.1110, 0.3273, 0.4169



9.2787, 0.3244, 0.3515



26.8354, 0.3979, 0.5223



0.7604, 0.4048, 0.5168

Inverse Universe

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



20.3784, 0.2633, 0.2377



30.2823, 0.2493, 0.2127



22.7455, 0.2924, 0.2448



7.8034, 0.3004, 0.3057



2.3528, 0.1554, 0.0630



0.0802, 0.1754, 0.0740

Previews

White Background



This preview shows how the Yxy color 39.7956, 0.3535, 0.4096 looks on a white background.

Color Contrast Check

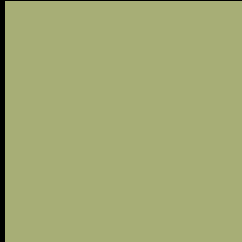
Large Text (above 18pt) WCAG AA × Fail

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 39.7956, 0.3535, 0.4096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

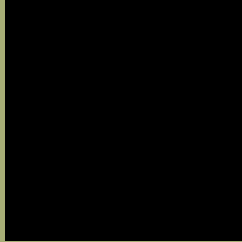
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7956, 0.3535, 0.4096

Background



This preview shows how black text looks on a background with the Yxy color 39.7956, 0.3535, 0.4096.



This preview shows how white text looks on a background with the Yxy color 39.7956, 0.3535, 0.4096.

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

39.7956, 0.3535, 0.4096

Protanopia

39.7042, 0.3731, 0.4018

Deuteranopia

39.6386, 0.3901, 0.3822



Tritanopia

39.6411, 0.3099, 0.3114

Trichromacy



Original Color

39.7956, 0.3535, 0.4096

Protanomaly

39.7573, 0.3654, 0.4046

Deuteranomaly

39.4473, 0.3770, 0.3912

Tritanomaly

39.5809, 0.3258, 0.3459

Monochromacy



Original Color

39.7956, 0.3535, 0.4096

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.6529, 0.3271, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7956, 0.3535, 0.4096 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(167, 174, 118)` looks like.

```
.text, #text, p{  
    color:rgb(167, 174, 118)  
}
```

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(167, 174, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 174, 118) }
```

Border

The CSS property to change the border of an element to Yxy 39.7956, 0.3535, 0.4096 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(167, 174, 118) }
```

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

```
.border{ border-color:rgb(167, 174, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 174, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 174, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 174, 118);  
box-shadow:4px 4px 4px 4px rgb(167, 174,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7956, 0.3535, 0.4096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 174, 118) }
```

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

```
.background{ background-color: rgb(167,  
174, 118) }
```

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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