

Converting Colors

$Yxy(39.3454, 0.3195, 0.3511)$

Have a look what the booklet for
Yxy(39.3454, 0.3195, 0.3511)
contains.

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Color

Yxy(39.3849, 0.3198, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	A4AB9B
RGB	164, 171, 155
RGB Percent	64%, 67%, 61%
CMY	0.3570, 0.3293, 0.3922
CMYK	0.04, 0.00, 0.09, 0.33
HSL	86°, 9%, 64%
HSV	86°, 9%, 67%
XYZ	35.7821, 39.3849, 36.7219
YIQ	167.0830, 0.9640, -6.4600

Conversions

Conversions Part 2

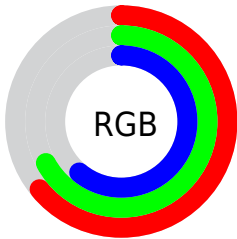
Format	Color
RYB	155, 171, 162
Decimal	10791835
CIELab	69.03, -5.47, 7.39
CIElCh	69, 9.194, 126.534
Yxy	39.3849, 0.3198, 0.3520
Android (android.graphics.Color)	4288981915 (0xFFA4AB9B)
YUV	167.0830, -5.9569, -2.7038
Hunter-Lab	62.7574, -8.0510, 9.2371

Details

The Yxy color **39.3849, 0.3198, 0.3520** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0671, 0.3051, 0.3059**, and the grayscale version is **38.7130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0562, 0.3188, 0.3477**, and **17.6379, 0.3214, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **38.0746, 0.3273, 0.3784**, and if you desaturate by 10%, it is **40.8274, 0.3122, 0.3275**.

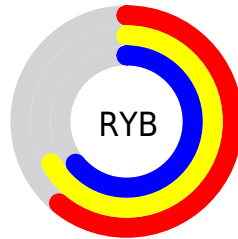
Distribution



Red (64%)

Green (67%)

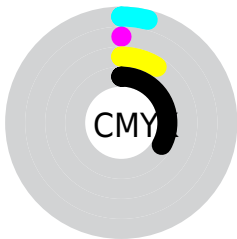
Blue (61%)



Red (61%)

Yellow (67%)

Blue (64%)

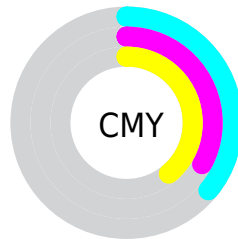


Cyan (4%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (36%)


Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3849, 0.3198, 0.3520 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 39.3849, 0.3198, 0.3520 by changing the saturation by 10% instead.


 39.3849, 0.3198,
0.3520


 39.3849, 0.3198,
0.3520

343.5242, 0.3162,
0.3401

 27.0593, 0.3207,
0.3551


 74.2259, 0.3185,
0.3475

 17.6178, 0.3219,
0.3593


 97.5102, 0.3180,
0.3459

 10.6759, 0.3234,
0.3650


125.2161, 0.3176,
0.3445

 5.8494, 0.3256,
0.3733

157.7280, 0.3172,
0.3434

 2.7537, 0.3289,
0.3866

195.4304, 0.3169,
0.3424

 1.0045, 0.3412,
0.4198

238.7076, 0.3167,

 0.0000, 0.0000,

0.3415

0.0000

287.9441, 0.3164,
0.3407

■ 39.3849, 0.3198,
0.3520

■ 39.3849, 0.3198,
0.3520

■ 38.0746, 0.3273,
0.3784

■ 40.8274, 0.3122,
0.3275

■ 36.8873, 0.3346,
0.4062

■ 42.4011, 0.3049,
0.3051

■ 35.8201, 0.3411,
0.4349

■ 44.1114, 0.2978,
0.2848

■ 34.8682, 0.3466,
0.4635

■ 45.9619, 0.2911,
0.2665

■ 34.0265, 0.3506,
0.4908

■ 47.9563, 0.2848,
0.2501

■ 33.2893, 0.3526,
0.5155

■ 49.9290, 0.2807,
0.2377

■ 32.6503, 0.3524,
0.5362

■ 51.0547, 0.2864,
0.2392

■ 32.1020, 0.3499,
0.5520

■ 52.2331, 0.2923,
0.2407

■ 31.6309, 0.3457,
0.5632

■ 53.4648, 0.2981,
0.2422

Harmonies

Analogous

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



39.3849, 0.3318, 0.3521



39.3849, 0.3198, 0.3520



39.3849, 0.3061, 0.3453

Triad

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



39.3849, 0.3198, 0.3520



39.3849, 0.2873, 0.3115



39.3849, 0.3313, 0.3237

Complementary

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



39.3849, 0.3198, 0.3520



34.0671, 0.3051, 0.3059

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.



39.3849, 0.3190, 0.3135



39.3849, 0.3198, 0.3520



39.3849, 0.2937, 0.3064

Square

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



39.3849, 0.3198, 0.3520



39.3849, 0.2876, 0.3216



39.3849, 0.3052, 0.3072



39.3849, 0.3386, 0.3355

Rectangle

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



39.3849, 0.3198, 0.3520



39.3849, 0.2979, 0.3381



39.3849, 0.3052, 0.3072



39.3849, 0.3276, 0.3200

Sweetspot

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



39.3866, 0.3198, 0.3520



72.1267, 0.3150, 0.3363



36.8440, 0.3277, 0.3389



16.0385, 0.3156, 0.3382



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



39.3866, 0.3198, 0.3520



70.0787, 0.3212, 0.3567



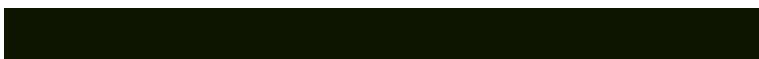
38.5723, 0.3126, 0.3525



9.1520, 0.3198, 0.3519



23.8503, 0.3461, 0.5634



0.6952, 0.3683, 0.5458

Inverse Universe

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



34.0671, 0.3051, 0.3059



58.8394, 0.3035, 0.3012



34.9209, 0.3127, 0.3064



7.9233, 0.3052, 0.3060



3.3837, 0.1928, 0.0836



0.1269, 0.2291, 0.1036

Previews

White Background



This preview shows how the Yxy color 39.3849, 0.3198, 0.3520 looks on a white background.

Color Contrast Check

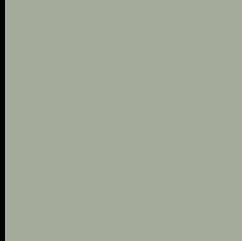
Large Text (above 18pt) WCAG AA × Fail

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 39.3849, 0.3198, 0.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

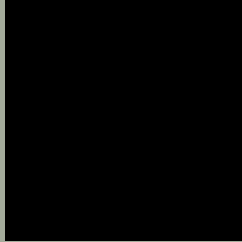
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

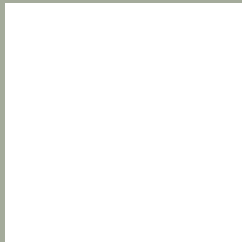
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3849, 0.3198, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 39.3849, 0.3198, 0.3520.



This preview shows how white text looks on a background with the Yxy color 39.3849, 0.3198, 0.3520.

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

39.3849, 0.3198, 0.3520

Protanopia

39.4191, 0.3324, 0.3500

Deuteranopia

39.0938, 0.3435, 0.3358



Tritanopia

39.2985, 0.3019, 0.3097

Trichromacy



Original Color

39.3849, 0.3198, 0.3520

Protanomaly

39.3670, 0.3275, 0.3502

Deuteranomaly

39.0139, 0.3350, 0.3415

Tritanomaly

39.1993, 0.3084, 0.3234

Monochromacy



Original Color

39.3849, 0.3198, 0.3520

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.7566, 0.3151, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3849, 0.3198, 0.3520 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(164, 171, 155)` looks like.

```
.text, #text, p{  
    color:rgb(164, 171, 155)  
}
```

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(164, 171, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 171, 155) }
```

Border

The CSS property to change the border of an element to Yxy 39.3849, 0.3198, 0.3520 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(164, 171, 155) }
```

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

```
.border{ border-color:rgb(164, 171, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 171, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 171, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 171, 155);  
box-shadow:4px 4px 4px 4px rgb(164, 171,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3849, 0.3198, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 171, 155) }
```

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

```
.background{ background-color: rgb(164,  
171, 155) }
```

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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