

Converting Colors

$Y_{xy}(39.7800, 0.3108, 0.3539)$

Have a look what the booklet for
Yxy(39.7800, 0.3108, 0.3539)
contains.

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Color

Yxy(39.7743, 0.3107, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	9CAE9D
RGB	156, 174, 157
RGB Percent	61%, 68%, 62%
CMY	0.3881, 0.3177, 0.3843
CMYK	0.10, 0.00, 0.10, 0.32
HSL	123°, 10%, 65%
HSV	123°, 10%, 68%
XYZ	34.9389, 39.7743, 37.7389
YIQ	166.6800, -5.2710, -9.1030

Conversions

Conversions Part 2

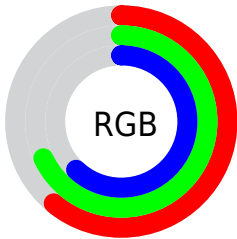
Format	Color
RYB	156, 173, 174
Decimal	10268317
CIELab	69.31, -9.54, 6.60
CIELCh	69, 11.594, 145.329
Yxy	39.7743, 0.3107, 0.3537
Android (android.graphics.Color)	4288458397 (0xFF9CAE9D)
YUV	166.6800, -4.7722, -9.3664
Hunter-Lab	63.0669, -11.4785, 8.6680

Details

The Yxy color **39.7743, 0.3107, 0.3537** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8070, 0.3148, 0.3055**, and the grayscale version is **38.5096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6410, 0.3111, 0.3478**, and **17.9629, 0.3100, 0.3619** is the 20% darker color. If you saturate the color by 10%, you get **37.6372, 0.3086, 0.3809**, and if you desaturate by 10%, it is **42.2392, 0.3127, 0.3297**.

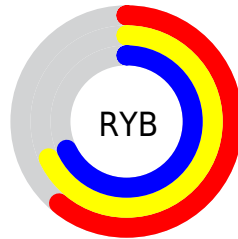
Distribution



Red (61%)

Green (68%)

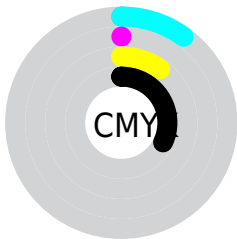
Blue (62%)



Red (61%)

Yellow (68%)

Blue (68%)

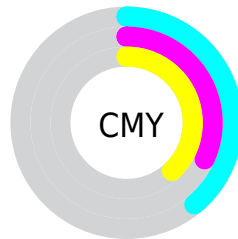


Cyan (10%)

Magenta (0%)

Yellow (10%)

Black (32%)



Cyan (39%)

Magenta (32%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7743, 0.3107, 0.3537 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 39.7743, 0.3107, 0.3537 by changing the saturation by 10% instead.


 39.7743, 0.3107,
0.3537


 39.7743, 0.3107,
0.3537


345.1714, 0.3118,
0.3408

 27.3626, 0.3104,
0.3571


 74.8197, 0.3111,
0.3489

 17.8457, 0.3099,
0.3616


 98.2222, 0.3113,
0.3471

 10.8393, 0.3093,
0.3678


126.0571, 0.3114,
0.3456

 5.9589, 0.3082,
0.3768

158.7088, 0.3115,
0.3444

 2.8201, 0.3064,
0.3914

196.5617, 0.3116,
0.3433

 1.0385, 0.3052,
0.4246

240.0001, 0.3117,

 0.0000, 0.0000,

0.3424

0.0000

289.4086, 0.3118,
0.3416

■ 39.7743, 0.3107,
0.3537

■ 39.7743, 0.3107,
0.3537

■ 37.6372, 0.3086,
0.3809

■ 42.2392, 0.3127,
0.3297

■ 35.8093, 0.3065,
0.4111

■ 45.0395, 0.3145,
0.3088

■ 34.2778, 0.3044,
0.4437

■ 48.1891, 0.3161,
0.2907

■ 33.0271, 0.3024,
0.4776

■ 51.6992, 0.3176,
0.2751

■ 32.0401, 0.3007,
0.5111

■ 55.5809, 0.3189,
0.2617

■ 31.2979, 0.2995,
0.5418

■ 58.7491, 0.3164,
0.2498

■ 30.7791, 0.2989,
0.5673

■ 30.4585, 0.2989,
0.5857

■ 30.2897, 0.2990,
0.5964

Harmonies

Analogous

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



39.7743, 0.3277, 0.3591



39.7743, 0.3107, 0.3537



39.7743, 0.2946, 0.3411

Triad

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



39.7743, 0.3107, 0.3537



39.7743, 0.2850, 0.3022



39.7743, 0.3428, 0.3315

Complementary

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



39.7743, 0.3107, 0.3537



35.8070, 0.3148, 0.3055

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.



39.7743, 0.3308, 0.3172



39.7743, 0.3107, 0.3537



39.7743, 0.2973, 0.3005

Square

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



39.7743, 0.3107, 0.3537



39.7743, 0.2800, 0.3111



39.7743, 0.3140, 0.3060



39.7743, 0.3465, 0.3457

Rectangle

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



39.7743, 0.3107, 0.3537



39.7743, 0.2864, 0.3306



39.7743, 0.3140, 0.3060



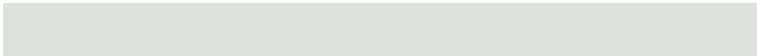
39.7743, 0.3396, 0.3266

Sweetspot

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



39.7760, 0.3107, 0.3537



75.3429, 0.3121, 0.3360



41.5659, 0.3269, 0.3540



16.6645, 0.3120, 0.3378



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.



39.7760, 0.3107, 0.3537



71.3770, 0.3103, 0.3586



40.0913, 0.3035, 0.3406



8.9461, 0.3109, 0.3511



21.9744, 0.2988, 0.5957



0.6135, 0.2936, 0.5770

Inverse Universe

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



35.8070, 0.3148, 0.3055



62.9623, 0.3152, 0.3011



35.4737, 0.3230, 0.3177



8.1405, 0.3145, 0.3078



8.4895, 0.3347, 0.1617



0.2384, 0.3301, 0.1592

Previews

White Background



This preview shows how the Yxy color 39.7743, 0.3107, 0.3537 looks on a white background.

Color Contrast Check

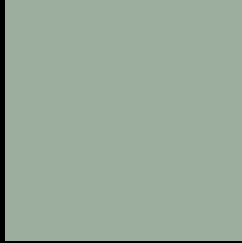
Large Text (above 18pt) WCAG AA × Fail

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 39.7743, 0.3107, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

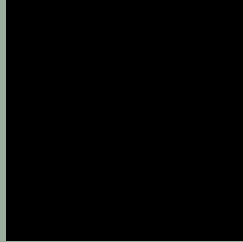
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

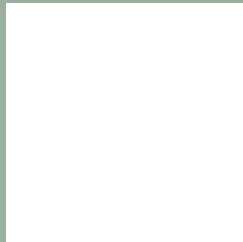
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.7743, 0.3107, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 39.7743, 0.3107, 0.3537.



This preview shows how white text looks on a background with the Yxy color 39.7743, 0.3107, 0.3537.

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

39.7743, 0.3107, 0.3537

Protanopia

39.4523, 0.3315, 0.3486

Deuteranopia

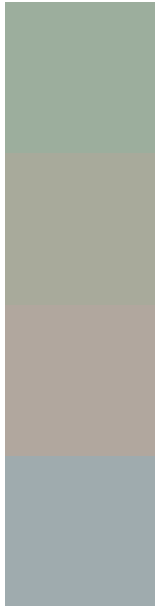
39.5164, 0.3414, 0.3344



Tritanopia

39.6837, 0.2926, 0.3095

Trichromacy



Original Color

39.7743, 0.3107, 0.3537

Protanomaly

39.4408, 0.3237, 0.3503

Deuteranomaly

39.4532, 0.3300, 0.3415

Tritanomaly

39.5527, 0.2997, 0.3247

Monochromacy



Original Color

39.7743, 0.3107, 0.3537

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.1803, 0.3122, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7743, 0.3107, 0.3537 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(156, 174, 157)` looks like.

```
.text, #text, p{  
    color:rgb(156, 174, 157)  
}
```

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(156, 174, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 174, 157) }
```

Border

The CSS property to change the border of an element to Yxy 39.7743, 0.3107, 0.3537 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(156, 174, 157) }
```

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

```
.border{ border-color:rgb(156, 174, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 174, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 174, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 174, 157);  
box-shadow:4px 4px 4px 4px rgb(156, 174,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7743, 0.3107, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 174, 157) }
```

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

```
.background{ background-color: rgb(156,  
174, 157) }
```

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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