

Converting Colors

$Yxy(38.8635, 0.3118, 0.3479)$

Have a look what the booklet for
Yxy(38.8635, 0.3118, 0.3479)
contains.

Yxy(38.8635, 0.3118, 0.3479)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.8635, 0.3118, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	9EAB9E
RGB	158, 171, 158
RGB Percent	62%, 67%, 62%
CMY	0.3805, 0.3294, 0.3804
CMYK	0.08, 0.00, 0.08, 0.33
HSL	120°, 7%, 65%
HSV	120°, 8%, 67%
XYZ	34.8308, 38.8635, 38.0145
YIQ	165.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

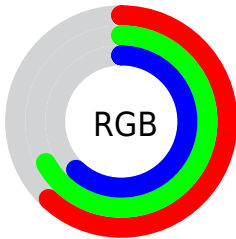
Format	Color
RYB	158, 171, 171
Decimal	10398622
CIELab	68.65, -7.08, 5.12
CIElCh	69, 8.736, 144.099
Yxy	38.8635, 0.3118, 0.3479
Android (android.graphics.Color)	4288588702 (0xFF9EAB9E)
YUV	165.6310, -3.7621, -6.6924
Hunter-Lab	62.3406, -9.3649, 7.4841

Details

The Yxy color **38.8635, 0.3118, 0.3479** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0426, 0.3136, 0.3108**, and the grayscale version is **37.9644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3429, 0.3120, 0.3434**, and **17.3810, 0.3116, 0.3536** is the 20% darker color. If you saturate the color by 10%, you get **36.7030, 0.3105, 0.3757**, and if you desaturate by 10%, it is **41.3502, 0.3130, 0.3235**.

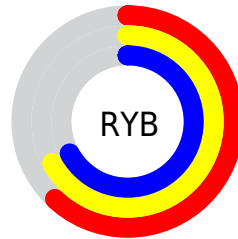
Distribution



Red (62%)

Green (67%)

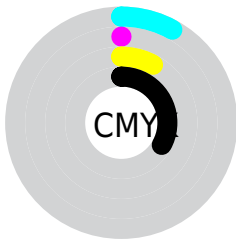
Blue (62%)



Red (62%)

Yellow (67%)

Blue (67%)

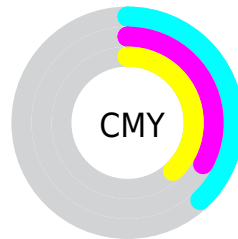


Cyan (8%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (38%)


Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8635, 0.3118, 0.3479 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 38.8635, 0.3118, 0.3479 by changing the saturation by 10% instead.


 38.8635, 0.3118,
0.3479


 38.8635, 0.3118,
0.3479

341.3098, 0.3123,
0.3381

 26.6536, 0.3116,
0.3505


 73.4297, 0.3120,
0.3442

 17.3132, 0.3114,
0.3539


 96.5548, 0.3121,
0.3429

 10.4581, 0.3111,
0.3587


124.0871, 0.3121,
0.3417

 5.7037, 0.3106,
0.3656

156.4109, 0.3122,
0.3408

 2.6658, 0.3096,
0.3768

193.9107, 0.3122,
0.3400

 0.9598, 0.3096,
0.4029

236.9709, 0.3123,

 0.0000, 0.0000,

0.3392

0.0000

285.9758, 0.3123,
0.3386

■ 38.8635, 0.3118,
0.3479

■ 38.8635, 0.3118,
0.3479

■ 36.7030, 0.3105,
0.3757

■ 41.3502, 0.3130,
0.3235

■ 34.8505, 0.3090,
0.4067

■ 44.1705, 0.3140,
0.3023

■ 33.2934, 0.3074,
0.4404

■ 47.3380, 0.3149,
0.2841

■ 32.0165, 0.3057,
0.4757

■ 50.8639, 0.3157,
0.2685

■ 31.0031, 0.3040,
0.5105

■ 54.7589, 0.3163,
0.2551

■ 30.2349, 0.3026,
0.5424

■ 57.6102, 0.3166,
0.2469

■ 29.6911, 0.3013,
0.5687

■ 29.3476, 0.3005,
0.5872

■ 29.1662, 0.3001,
0.5978

Harmonies

Analogous

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



38.8635, 0.3246, 0.3518



38.8635, 0.3118, 0.3479



38.8635, 0.2994, 0.3386

Triad

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



38.8635, 0.3118, 0.3479



38.8635, 0.2913, 0.3088



38.8635, 0.3352, 0.3306

Complementary

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



38.8635, 0.3118, 0.3479



36.0426, 0.3136, 0.3108

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.



38.8635, 0.3260, 0.3196



38.8635, 0.3118, 0.3479



38.8635, 0.3006, 0.3071

Square

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



38.8635, 0.3118, 0.3479



38.8635, 0.2877, 0.3159



38.8635, 0.3132, 0.3111



38.8635, 0.3384, 0.3414

Rectangle

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



38.8635, 0.3118, 0.3479



38.8635, 0.2930, 0.3308



38.8635, 0.3132, 0.3111



38.8635, 0.3327, 0.3268

Sweetspot

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



38.8652, 0.3118, 0.3479



72.0098, 0.3125, 0.3339



40.2571, 0.3238, 0.3473



16.0697, 0.3125, 0.3336



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.



38.8652, 0.3118, 0.3479



68.9643, 0.3116, 0.3519



39.0945, 0.3064, 0.3384



8.9397, 0.3116, 0.3524



21.9574, 0.2999, 0.5998



0.6109, 0.2997, 0.5989

Inverse Universe

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



36.0426, 0.3136, 0.3108



62.9555, 0.3138, 0.3071



35.8013, 0.3195, 0.3198



8.1477, 0.3138, 0.3067



8.7312, 0.3215, 0.1545



0.2430, 0.3213, 0.1544

Previews

White Background



This preview shows how the Yxy color 38.8635, 0.3118, 0.3479 looks on a white background.

Color Contrast Check

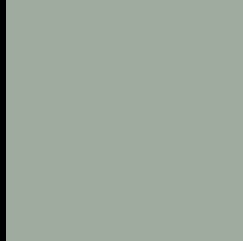
Large Text (above 18pt) WCAG AA × Fail

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 38.8635, 0.3118, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

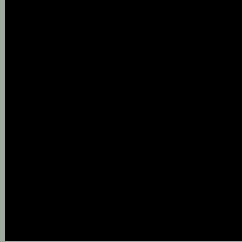
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

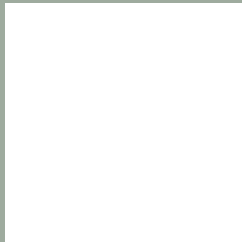
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.8635, 0.3118, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 38.8635, 0.3118, 0.3479.



This preview shows how white text looks on a background with the Yxy color 38.8635, 0.3118, 0.3479.

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

38.8635, 0.3118, 0.3479

Protanopia

38.9220, 0.3279, 0.3445

Deuteranopia

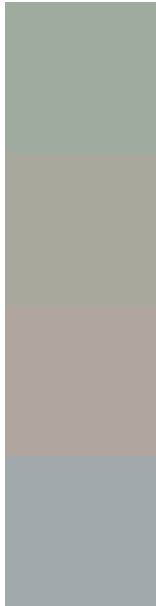
38.8178, 0.3377, 0.3318



Tritanopia

39.0228, 0.2966, 0.3108

Trichromacy



Original Color

38.8635, 0.3118, 0.3479

Protanomaly

38.7644, 0.3222, 0.3447

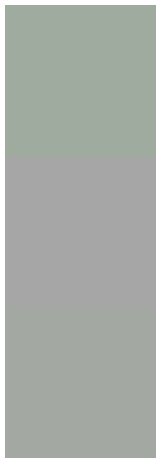
Deuteranomaly

38.6436, 0.3284, 0.3374

Tritanomaly

38.9701, 0.3022, 0.3233

Monochromacy



Original Color

38.8635, 0.3118, 0.3479

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.4361, 0.3124, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8635, 0.3118, 0.3479 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(158, 171, 158)` looks like.

```
.text, #text, p{  
    color:rgb(158, 171, 158)  
}
```

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(158, 171, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 171, 158) }
```

Border

The CSS property to change the border of an element to Yxy 38.8635, 0.3118, 0.3479 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(158, 171, 158) }
```

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

```
.border{ border-color:rgb(158, 171, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 171, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 171, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 171, 158);  
box-shadow:4px 4px 4px 4px rgb(158, 171,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8635, 0.3118, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 171, 158) }
```

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

```
.background{ background-color: rgb(158,  
171, 158) }
```

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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