

Converting Colors

$Yxy(38.6679, 0.3099, 0.3454)$

Have a look what the booklet for
Yxy(38.6679, 0.3099, 0.3454)
contains.

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Color

Yxy(38.7971, 0.3101, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	9DAB9F
RGB	157, 171, 159
RGB Percent	62%, 67%, 62%
CMY	0.3844, 0.3294, 0.3765
CMYK	0.08, 0.00, 0.07, 0.33
HSL	129°, 8%, 64%
HSV	129°, 8%, 67%
XYZ	34.7214, 38.7971, 38.4500
YIQ	165.4460, -4.4920, -6.7000

Conversions

Conversions Part 2

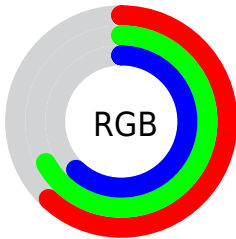
Format	Color
R _Y B	157, 169, 171
Decimal	10333087
CIE Lab	68.60, -7.24, 4.50
CIE LCh	69, 8.530, 148.127
Yxy	38.7971, 0.3101, 0.3465
Android (android.graphics.Color)	4288523167 (0xFF9DAB9F)
YUV	165.4460, -3.1779, -7.4071
Hunter-Lab	62.2873, -9.4998, 7.0014

Details

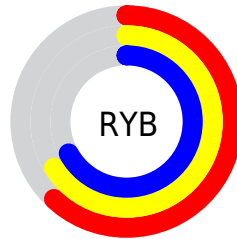
The Yxy color **38.7971, 0.3101, 0.3465** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.6323, 0.3154, 0.3121**, and the grayscale version is **37.8683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2448, 0.3107, 0.3423**, and **17.3405, 0.3092, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **36.7183, 0.3068, 0.3704**, and if you desaturate by 10%, it is **41.1804, 0.3133, 0.3254**.

Distribution



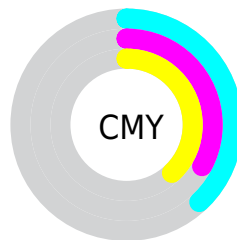
- Red (62%)
- Green (67%)
- Blue (62%)



- Red (62%)
- Yellow (66%)
- Blue (67%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (33%)





- Cyan (38%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7971, 0.3101, 0.3465 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 38.7971, 0.3101, 0.3465 by changing the saturation by 10% instead.


 38.7971, 0.3101,
0.3465


 38.7971, 0.3101,
0.3465

341.0271, 0.3115,
0.3374

 26.6019, 0.3097,
0.3489


 73.3283, 0.3106,
0.3431

 17.2745, 0.3092,
0.3521


 96.4330, 0.3108,
0.3418

 10.4304, 0.3085,
0.3565


123.9431, 0.3110,
0.3408

 5.6852, 0.3074,
0.3629

156.2429, 0.3111,
0.3399

 2.6546, 0.3056,
0.3733

193.7168, 0.3112,
0.3391

 0.9542, 0.3029,
0.3968

236.7492, 0.3113,

 0.0000, 0.0000,

0.3385

0.0000

285.7245, 0.3114,
0.3379

■ 38.7971, 0.3101,
0.3465

■ 38.7971, 0.3101,
0.3465

■ 36.7183, 0.3068,
0.3704

■ 41.1804, 0.3133,
0.3254

■ 34.9269, 0.3036,
0.3971

■ 43.8745, 0.3163,
0.3070

■ 33.4119, 0.3006,
0.4262

■ 46.8920, 0.3192,
0.2910

■ 32.1592, 0.2979,
0.4571

■ 50.2430, 0.3218,
0.2771

■ 31.1539, 0.2958,
0.4886

■ 53.9374, 0.3243,
0.2652

■ 30.3793, 0.2946,
0.5190

■ 57.1037, 0.3228,
0.2539

■ 29.8170, 0.2943,
0.5464

■ 57.6099, 0.3166,
0.2469

■ 29.4451, 0.2950,
0.5690

■ 29.2288, 0.2965,
0.5854

Harmonies

Analogous

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



38.7971, 0.3228, 0.3511



38.7971, 0.3101, 0.3465



38.7971, 0.2983, 0.3369

Triad

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



38.7971, 0.3101, 0.3465



38.7971, 0.2927, 0.3087



38.7971, 0.3355, 0.3320

Complementary

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



38.7971, 0.3101, 0.3465



35.6323, 0.3154, 0.3121

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.



38.7971, 0.3272, 0.3212



38.7971, 0.3101, 0.3465



38.7971, 0.3024, 0.3078

Square

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



38.7971, 0.3101, 0.3465



38.7971, 0.2884, 0.3150



38.7971, 0.3150, 0.3124



38.7971, 0.3376, 0.3424

Rectangle

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



38.7971, 0.3101, 0.3465



38.7971, 0.2925, 0.3292



38.7971, 0.3150, 0.3124



38.7971, 0.3333, 0.3283

Sweetspot

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



38.7988, 0.3101, 0.3465



72.0423, 0.3121, 0.3332



40.0141, 0.3229, 0.3488



16.0765, 0.3121, 0.3329



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.



38.7988, 0.3101, 0.3465



68.6996, 0.3095, 0.3510



39.0445, 0.3045, 0.3364



8.9573, 0.3097, 0.3490



22.0123, 0.2963, 0.5866



0.6180, 0.2843, 0.5433

Inverse Universe

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



35.6323, 0.3154, 0.3121



61.7577, 0.3161, 0.3080



35.3804, 0.3218, 0.3217



8.1282, 0.3158, 0.3098



8.1125, 0.3598, 0.1756



0.2309, 0.3464, 0.1682

Previews

White Background



This preview shows how the Yxy color 38.7971, 0.3101, 0.3465 looks on a white background.

Color Contrast Check

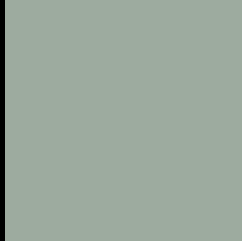
Large Text (above 18pt) WCAG AA × Fail

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 38.7971, 0.3101, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

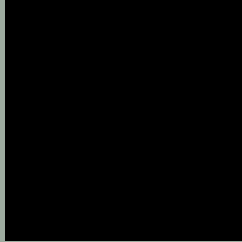
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

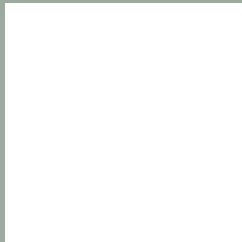
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.7971, 0.3101, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 38.7971, 0.3101, 0.3465.



This preview shows how white text looks on a background with the Yxy color 38.7971, 0.3101, 0.3465.

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

38.7971, 0.3101, 0.3465

Protanopia

38.5910, 0.3272, 0.3417

Deuteranopia

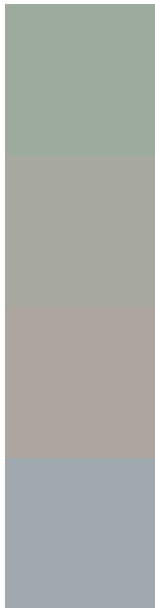
38.8530, 0.3368, 0.3304



Tritanopia

38.9185, 0.2958, 0.3108

Trichromacy



Original Color

38.7971, 0.3101, 0.3465

Protanomaly

38.6894, 0.3204, 0.3433

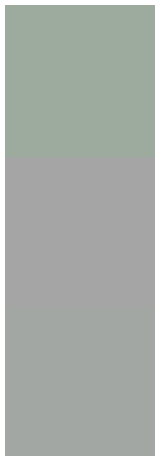
Deuteranomaly

38.5623, 0.3266, 0.3360

Tritanomaly

38.8666, 0.3013, 0.3233

Monochromacy



Original Color

38.7971, 0.3101, 0.3465

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.9632, 0.3115, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7971, 0.3101, 0.3465 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(157, 171, 159)` looks like.

```
.text, #text, p{  
    color:rgb(157, 171, 159)  
}
```

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(157, 171, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 171, 159) }
```

Border

The CSS property to change the border of an element to Yxy 38.7971, 0.3101, 0.3465 is called "border". The border property can be set on classes, ids or directly on the HTML element.

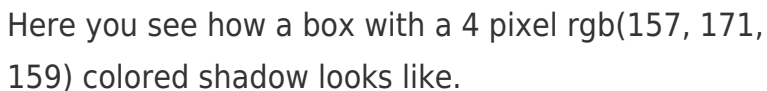
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 171, 159) }
```

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

```
.border{ border-color:rgb(157, 171, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 171, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 171, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 171, 159); box-shadow:4px 4px 4px 4px rgb(157, 171, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7971, 0.3101, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 171, 159) }
```

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

```
.background{ background-color: rgb(157,  
171, 159) }
```

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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