

Converting Colors

$Yxy(38.9315, 0.3012, 0.3396)$

Have a look what the booklet for
Yxy(38.9315, 0.3012, 0.3396)
contains.

Yxy(38.8971, 0.3008, 0.3392)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.8971, 0.3008, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	98ACA5
RGB	152, 172, 165
RGB Percent	60%, 67%, 65%
CMY	0.4039, 0.3255, 0.3530
CMYK	0.12, 0.00, 0.04, 0.33
HSL	159°, 11%, 64%
HSV	159°, 12%, 67%
XYZ	34.4937, 38.8971, 41.2823
YIQ	165.2220, -9.6730, -6.4170

Conversions

Conversions Part 2

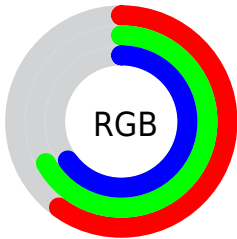
Format	Color
RYB	152, 164, 172
Decimal	10005669
CIELab	68.68, -8.34, 1.24
CIELCh	69, 8.432, 171.543
Yxy	38.8971, 0.3008, 0.3392
Android (android.graphics.Color)	4288195749 (0xFF98ACA5)
YUV	165.2220, -0.1094, -11.5957
Hunter-Lab	62.3675, -10.4201, 4.4121

Details

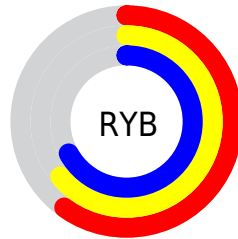
The Yxy color **38.8971, 0.3008, 0.3392** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7352, 0.3263, 0.3190**, and the grayscale version is **37.7443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2273, 0.3028, 0.3368**, and **17.3919, 0.2975, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **37.1430, 0.2910, 0.3490**, and if you desaturate by 10%, it is **40.9056, 0.3110, 0.3304**.

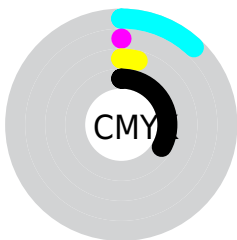
Distribution



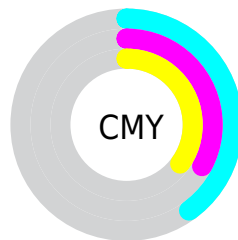
- Red (60%)
- Green (67%)
- Blue (65%)



- Red (60%)
- Yellow (64%)
- Blue (67%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (33%)





- Cyan (40%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8971, 0.3008, 0.3392 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 38.8971, 0.3008, 0.3392 by changing the saturation by 10% instead.

 38.8971, 0.3008,
0.3392


 38.8971, 0.3008,
0.3392


341.4528, 0.3070,
0.3339

 26.6797, 0.2992,
0.3406


 73.4811, 0.3031,
0.3372

 17.3328, 0.2971,
0.3424


 96.6165, 0.3039,
0.3365

 10.4721, 0.2942,
0.3449


124.1600, 0.3046,
0.3359

 5.7131, 0.2900,
0.3485

156.4959, 0.3052,
0.3354

 2.6714, 0.2835,
0.3543

194.0088, 0.3058,
0.3350

 0.9627, 0.2696,
0.3659

237.0830, 0.3062,

 0.0000, 0.0000,

0.3346

0.0000

286.1029, 0.3066,
0.3342

■ 38.8971, 0.3008,
0.3392

■ 38.8971, 0.3008,
0.3392

■ 37.1430, 0.2910,
0.3490

■ 40.9056, 0.3110,
0.3304

■ 35.6278, 0.2818,
0.3597

■ 43.1733, 0.3215,
0.3224

■ 34.3420, 0.2736,
0.3712

■ 45.7112, 0.3319,
0.3154

■ 33.2735, 0.2667,
0.3835

■ 48.5281, 0.3421,
0.3091

■ 32.4090, 0.2613,
0.3964

■ 51.6324, 0.3522,
0.3036

■ 31.7337, 0.2577,
0.4097

■ 54.9918, 0.3617,
0.2988

■ 31.2309, 0.2560,
0.4231

■ 55.2817, 0.3563,
0.2927

■ 30.8806, 0.2563,
0.4364

■ 55.5828, 0.3509,
0.2867

■ 30.6686, 0.2576,
0.4474

■ 55.8954, 0.3457,
0.2808

Harmonies

Analogous

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



38.8971, 0.3129, 0.3478



38.8971, 0.3008, 0.3392



38.8971, 0.2920, 0.3279

Triad

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



38.8971, 0.3008, 0.3392



38.8971, 0.3001, 0.3078



38.8971, 0.3375, 0.3402

Complementary

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



38.8971, 0.3008, 0.3392



33.7352, 0.3263, 0.3190

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.



38.8971, 0.3339, 0.3296



38.8971, 0.3008, 0.3392



38.8971, 0.3121, 0.3112

Square

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



38.8971, 0.3008, 0.3392



38.8971, 0.2915, 0.3099



38.8971, 0.3246, 0.3191



38.8971, 0.3342, 0.3481

Rectangle

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



38.8971, 0.3008, 0.3392



38.8971, 0.2890, 0.3204



38.8971, 0.3246, 0.3191



38.8971, 0.3370, 0.3368

Sweetspot

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



38.8987, 0.3008, 0.3392



73.6569, 0.3096, 0.3316



39.1792, 0.3180, 0.3581



15.9421, 0.3087, 0.3322



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.



38.8987, 0.3008, 0.3392



69.6854, 0.2982, 0.3417



38.1566, 0.2952, 0.3251



9.0236, 0.3031, 0.3371



22.8325, 0.2572, 0.4460



0.6450, 0.2462, 0.4062

Inverse Universe

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



33.7352, 0.3263, 0.3190



58.4039, 0.3298, 0.3167



34.3736, 0.3327, 0.3329



8.0600, 0.3233, 0.3211



6.7817, 0.5534, 0.2822



0.1992, 0.4694, 0.2360

Previews

White Background



This preview shows how the Yxy color 38.8971, 0.3008, 0.3392 looks on a white background.

Color Contrast Check

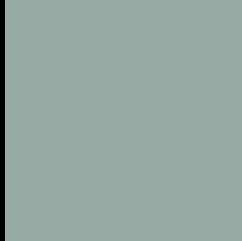
Large Text (above 18pt) WCAG AA × Fail

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 38.8971, 0.3008, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

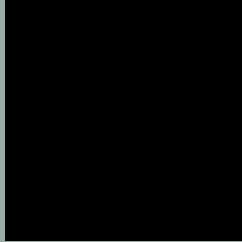
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

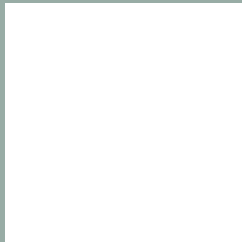
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.8971, 0.3008, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 38.8971, 0.3008, 0.3392.



This preview shows how white text looks on a background with the Yxy color 38.8971, 0.3008, 0.3392.

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

38.8971, 0.3008, 0.3392

Protanopia

38.9040, 0.3208, 0.3360

Deuteranopia

38.6980, 0.3283, 0.3223



Tritanopia

38.7634, 0.2891, 0.3091

Trichromacy



Original Color

38.8971, 0.3008, 0.3392

Protanomaly

38.9128, 0.3132, 0.3376

Deuteranomaly

38.7963, 0.3183, 0.3290

Tritanomaly

38.7541, 0.2938, 0.3204

Monochromacy



Original Color

38.8971, 0.3008, 0.3392

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.1955, 0.3080, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8971, 0.3008, 0.3392 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(152, 172, 165)` looks like.

```
.text, #text, p{  
    color:rgb(152, 172, 165)  
}
```

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(152, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 172, 165) }
```

Border

The CSS property to change the border of an element to Yxy 38.8971, 0.3008, 0.3392 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(152, 172, 165) }
```

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

```
.border{ border-color:rgb(152, 172, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 172, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 172, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 172, 165);  
box-shadow:4px 4px 4px 4px rgb(152, 172,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8971, 0.3008, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 172, 165) }
```

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

```
.background{ background-color: rgb(152,  
172, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor