

Converting Colors

$Yxy(52.4370, 0.3074, 0.3803)$

Have a look what the booklet for
Yxy(52.4370, 0.3074, 0.3803)
contains.

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Color

Yxy(52.3950, 0.3073, 0.3805)

Conversions

Conversions Part 1

Format	Color
Hex	A0CAA4
RGB	160, 202, 164
RGB Percent	63%, 79%, 64%
CMY	0.3726, 0.2078, 0.3570
CMYK	0.21, 0.00, 0.19, 0.21
HSL	126°, 28%, 71%
HSV	126°, 21%, 79%
XYZ	42.3153, 52.3950, 42.9901
YIQ	185.1100, -12.8340, -20.7220

Conversions

Conversions Part 2

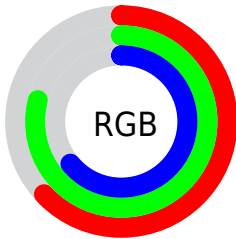
Format	Color
RYB	160, 198, 202
Decimal	10537636
CIELab	77.52, -21.30, 14.51
CIElCh	78, 25.773, 145.732
Yxy	52.3950, 0.3073, 0.3805
Android (android.graphics.Color)	4288727716 (0xFFA0CAA4)
YUV	185.1100, -10.4072, -22.0215
Hunter-Lab	72.3844, -22.3230, 15.4559

Details

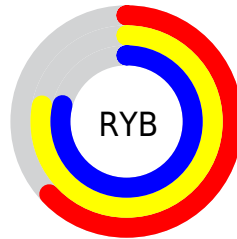
The Yxy color **52.3950, 0.3073, 0.3805** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.7762, 0.3186, 0.2824**, and the grayscale version is **48.6438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0815, 0.3085, 0.3669**, and **25.5378, 0.3056, 0.3962** is the 20% darker color. If you saturate the color by 10%, you get **49.8679, 0.3046, 0.4099**, and if you desaturate by 10%, it is **55.3598, 0.3100, 0.3541**.

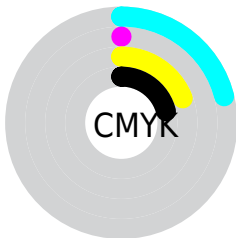
Distribution



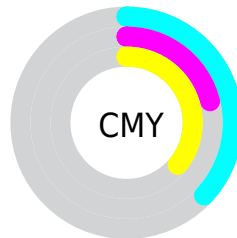
- Red (63%)
- Green (79%)
- Blue (64%)



- Red (63%)
- Yellow (78%)
- Blue (79%)



- Cyan (21%)
- Magenta (0%)
- Yellow (19%)
- Black (21%)




- Cyan (37%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3950, 0.3073, 0.3805 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 52.3950, 0.3073, 0.3805 by changing the saturation by 10% instead.


 52.3950, 0.3073,
0.3805

 52.3950, 0.3073,
0.3805


395.9596, 0.3104,
0.3544

 37.3200, 0.3064,
0.3871


 93.7135, 0.3085,
0.3709

 25.4554, 0.3052,
0.3957


 120.7258, 0.3089,
0.3674

 16.4166, 0.3035,
0.4071


152.4861, 0.3093,
0.3644

 9.8195, 0.3009,
0.4233

189.3786, 0.3096,
0.3618

 5.2794, 0.2964,
0.4477

231.7878, 0.3098,
0.3596

 2.4121, 0.2878,
0.4887

280.0982, 0.3100,

 0.8321, 0.2456,

0.3576

0.7544

334.6940, 0.3102,
0.3559

0.0000, 0.0000,
0.0000

52.3950, 0.3073,
0.3805

52.3950, 0.3073,
0.3805

49.8679, 0.3046,
0.4099

55.3598, 0.3100,
0.3541

47.7515, 0.3021,
0.4416

58.7748, 0.3125,
0.3307

46.0261, 0.2999,
0.4747

62.6599, 0.3149,
0.3104

44.6675, 0.2982,
0.5076

67.0320, 0.3172,
0.2927

43.6492, 0.2972,
0.5380

70.7249, 0.3151,
0.2772

■ 42.9407, 0.2970,
0.5637

■ 42.5063, 0.2975,
0.5828

■ 42.2923, 0.2983,
0.5940

Harmonies

Analogous

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



52.3950, 0.3417, 0.3912



52.3950, 0.3073, 0.3805



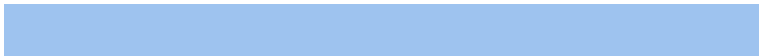
52.3950, 0.2756, 0.3533

Triad

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



52.3950, 0.3073, 0.3805



52.3950, 0.2578, 0.2752



52.3950, 0.3746, 0.3331

Complementary

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



52.3950, 0.3073, 0.3805



41.7762, 0.3186, 0.2824

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.



52.3950, 0.3496, 0.3056



52.3950, 0.3073, 0.3805



52.3950, 0.2818, 0.2731

Square

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



52.3950, 0.3073, 0.3805



52.3950, 0.2481, 0.2914



52.3950, 0.3152, 0.2841



52.3950, 0.3817, 0.3612

Rectangle

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



52.3950, 0.3073, 0.3805



52.3950, 0.2599, 0.3309



52.3950, 0.3152, 0.2841



52.3950, 0.3679, 0.3236

Sweetspot

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



52.3972, 0.3073, 0.3805



96.3525, 0.3112, 0.3427



56.8576, 0.3409, 0.3808



20.5422, 0.3110, 0.3442



0.0000, 0.0000, 0.0000



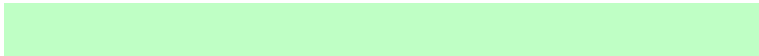
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3972, 0.3073, 0.3805



86.6730, 0.3061, 0.3935



53.1998, 0.2934, 0.3521



12.5539, 0.3103, 0.3506



27.2181, 0.2980, 0.5929



1.4102, 0.2920, 0.5711

Inverse Universe

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



41.7762, 0.3186, 0.2824



65.4683, 0.3200, 0.2720



40.8917, 0.3372, 0.3070



11.3847, 0.3152, 0.3083



10.2841, 0.3460, 0.1680



0.5360, 0.3406, 0.1650

Previews

White Background



This preview shows how the Yxy color 52.3950, 0.3073, 0.3805 looks on a white background.

Color Contrast Check

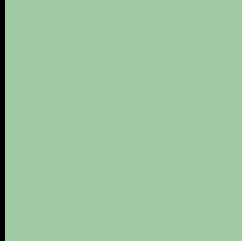
Large Text (above 18pt) WCAG AA × Fail

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 52.3950, 0.3073, 0.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

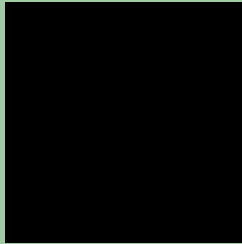
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3950, 0.3073, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 52.3950, 0.3073, 0.3805.

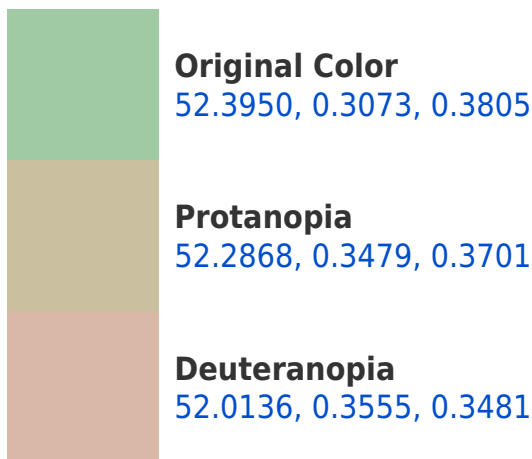


This preview shows how white text looks on a background with the Yxy color 52.3950, 0.3073, 0.3805.

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





Tritanopia

52.5078, 0.2813, 0.3100

Trichromacy



Original Color

52.3950, 0.3073, 0.3805

Protanomaly

52.1331, 0.3326, 0.3741

Deuteranomaly

51.9219, 0.3364, 0.3591

Tritanomaly

52.2825, 0.2905, 0.3341

Monochromacy



Original Color

52.3950, 0.3073, 0.3805

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.6660, 0.3110, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3950, 0.3073, 0.3805 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(160, 202, 164)` looks like.

```
.text, #text, p{  
    color:rgb(160, 202, 164)  
}
```

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(160, 202, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 202, 164) }
```

Border

The CSS property to change the border of an element to Yxy 52.3950, 0.3073, 0.3805 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(160, 202, 164) }
```

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

```
.border{ border-color:rgb(160, 202, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 202, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 202, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 202, 164);  
box-shadow:4px 4px 4px 4px rgb(160, 202,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3950, 0.3073, 0.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 202, 164) }
```

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

```
.background{ background-color: rgb(160,  
202, 164) }
```

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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