

Converting Colors

$Y_{xy}(52.0752, 0.3043, 0.3811)$

Have a look what the booklet for
Yxy(52.0752, 0.3043, 0.3811)
contains.

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Color

Yxy(51.9893, 0.3043, 0.3809)

Conversions

Conversions Part 1

Format	Color
Hex	9CCAA4
RGB	156, 202, 164
RGB Percent	61%, 79%, 64%
CMY	0.3882, 0.2078, 0.3569
CMYK	0.23, 0.00, 0.19, 0.21
HSL	130°, 30%, 70%
HSV	130°, 23%, 79%
XYZ	41.5341, 51.9893, 42.9673
YIQ	183.9140, -15.2180, -21.5700

Conversions

Conversions Part 2

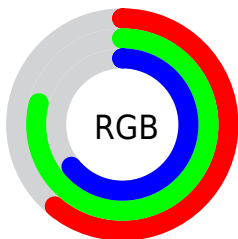
Format	Color
RYB	156, 195, 202
Decimal	10275492
CIELab	77.27, -22.62, 14.12
CIELCh	77, 26.666, 148.026
Yxy	51.9893, 0.3043, 0.3809
Android (android.graphics.Color)	4288465572 (0xFF9CCAA4)
YUV	183.9140, -9.8176, -24.4806
Hunter-Lab	72.1036, -23.3593, 15.1410

Details

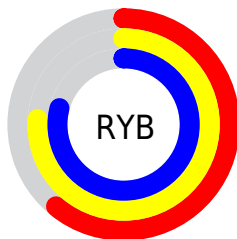
The Yxy color **51.9893, 0.3043, 0.3809** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.2358, 0.3225, 0.2821**, and the grayscale version is **47.9472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4834, 0.3060, 0.3672**, and **25.2927, 0.3017, 0.3970** is the 20% darker color. If you saturate the color by 10%, you get **49.5766, 0.3007, 0.4081**, and if you desaturate by 10%, it is **54.8206, 0.3080, 0.3563**.

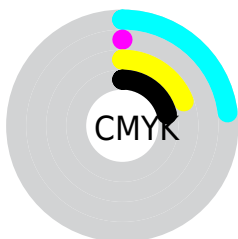
Distribution



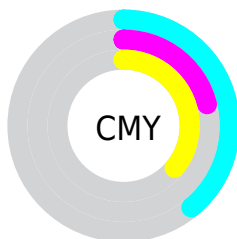
- Red (61%)
- Green (79%)
- Blue (64%)



- Red (61%)
- Yellow (76%)
- Blue (79%)



- Cyan (23%)
- Magenta (0%)
- Yellow (19%)
- Black (21%)




- Cyan (39%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9893, 0.3043, 0.3809 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 51.9893, 0.3043, 0.3809 by changing the saturation by 10% instead.


 51.9893, 0.3043,
0.3809

 51.9893, 0.3043,
0.3809

394.3953, 0.3089,
0.3546

 36.9965, 0.3030,
0.3876


 93.1155, 0.3060,
0.3712

 25.2048, 0.3014,
0.3963


 120.0177, 0.3067,
0.3676

 16.2297, 0.2990,
0.4079


151.6585, 0.3072,
0.3646

 9.6869, 0.2955,
0.4244

188.4222, 0.3076,
0.3620

 5.1918, 0.2898,
0.4494

230.6934, 0.3080,
0.3598

 2.3603, 0.2792,
0.4915

278.8564, 0.3083,

 0.8053, 0.2093,

0.3578

0.7907

333.2956, 0.3086,
0.3561

0.0000, 0.0000,
0.0000

51.9893, 0.3043,
0.3809

51.9893, 0.3043,
0.3809

49.5766, 0.3007,
0.4081

54.8206, 0.3080,
0.3563

47.5565, 0.2975,
0.4375

58.0824, 0.3117,
0.3345

45.9098, 0.2949,
0.4682

61.7939, 0.3153,
0.3154

44.6133, 0.2931,
0.4989

65.9716, 0.3187,
0.2988

43.6412, 0.2924,
0.5280

70.2457, 0.3204,
0.2841

■ 42.9638, 0.2928,
0.5536

■ 70.7213, 0.3151,
0.2772

■ 42.5461, 0.2944,
0.5739

■ 42.3631, 0.2958,
0.5849

Harmonies

Analogous

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



51.9893, 0.3401, 0.3934



51.9893, 0.3043, 0.3809



51.9893, 0.2721, 0.3516

Triad

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



51.9893, 0.3043, 0.3809



51.9893, 0.2573, 0.2726



51.9893, 0.3782, 0.3355

Complementary

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



51.9893, 0.3043, 0.3809



40.2358, 0.3225, 0.2821

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.



51.9893, 0.3535, 0.3068



51.9893, 0.3043, 0.3809



51.9893, 0.2830, 0.2716

Square

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



51.9893, 0.3043, 0.3809



51.9893, 0.2461, 0.2882



51.9893, 0.3181, 0.2840



51.9893, 0.3840, 0.3643

Rectangle

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



51.9893, 0.3043, 0.3809



51.9893, 0.2566, 0.3282



51.9893, 0.3181, 0.2840



51.9893, 0.3718, 0.3256

Sweetspot

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



51.9915, 0.3043, 0.3809



95.8564, 0.3101, 0.3437



56.1562, 0.3404, 0.3865



20.4446, 0.3099, 0.3450



0.0000, 0.0000, 0.0000



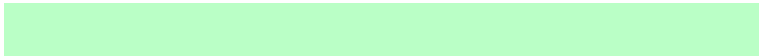
21.4041, 0.3127, 0.3290

Same Dimension

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



51.9915, 0.3043, 0.3809



86.0598, 0.3026, 0.3931



52.8850, 0.2891, 0.3493



12.5682, 0.3093, 0.3487



27.2692, 0.2953, 0.5831



1.4168, 0.2859, 0.5492

Inverse Universe

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



40.2358, 0.3225, 0.2821



62.9151, 0.3248, 0.2724



39.2934, 0.3438, 0.3096



11.3690, 0.3164, 0.3101



9.8855, 0.3699, 0.1811



0.5190, 0.3587, 0.1750

Previews

White Background



This preview shows how the Yxy color 51.9893, 0.3043, 0.3809 looks on a white background.

Color Contrast Check

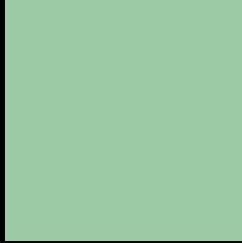
Large Text (above 18pt) WCAG AA × Fail

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 51.9893, 0.3043, 0.3809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

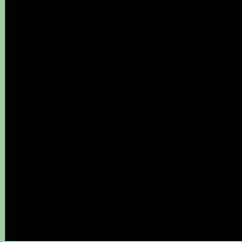
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9893, 0.3043, 0.3809

Background



This preview shows how black text looks on a background with the Yxy color 51.9893, 0.3043, 0.3809.



This preview shows how white text looks on a background with the Yxy color 51.9893, 0.3043, 0.3809.

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

51.9893, 0.3043, 0.3809

Protanopia

51.7130, 0.3473, 0.3690

Deuteranopia

51.4458, 0.3549, 0.3470



Tritanopia

52.0755, 0.2785, 0.3098

Trichromacy



Original Color

51.9893, 0.3043, 0.3809

Protanomaly

51.4359, 0.3311, 0.3731

Deuteranomaly

51.2190, 0.3348, 0.3581

Tritanomaly

51.8603, 0.2876, 0.3342

Monochromacy



Original Color

51.9893, 0.3043, 0.3809

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.4346, 0.3094, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9893, 0.3043, 0.3809 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, 202, 164)` looks like.

```
.text, #text, p{  
    color:rgb(156, 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(156, 202, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 202, 164) }
```

Border

The CSS property to change the border of an element to Yxy 51.9893, 0.3043, 0.3809 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, 202, 164) }
```

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

```
.border{ border-color:rgb(156, 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(156, 202, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 202, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 202, 164);  
box-shadow:4px 4px 4px 4px rgb(156, 202,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9893, 0.3043, 0.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 202, 164) }
```

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

```
.background{ background-color: rgb(156,  
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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