

Converting Colors

$Yxy(43.9976, 0.3065, 0.3673)$

Have a look what the booklet for
Yxy(43.9976, 0.3065, 0.3673)
contains.

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Color

Yxy(43.9389, 0.3068, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	99B99E
RGB	153, 185, 158
RGB Percent	60%, 73%, 62%
CMY	0.3999, 0.2745, 0.3804
CMYK	0.17, 0.00, 0.15, 0.27
HSL	129°, 19%, 66%
HSV	129°, 17%, 73%
XYZ	36.6616, 43.9389, 38.8961
YIQ	172.3540, -10.4050, -15.1810

Conversions

Conversions Part 2

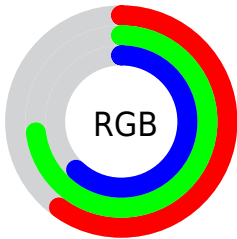
Format	Color
RYB	153, 181, 185
Decimal	10074526
CIELab	72.19, -16.15, 10.14
CIELCh	72, 19.071, 147.887
Yxy	43.9389, 0.3068, 0.3677
Android (android.graphics.Color)	4288264606 (0xFF99B99E)
YUV	172.3540, -7.0765, -16.9735
Hunter-Lab	66.2864, -17.2768, 11.6098

Details

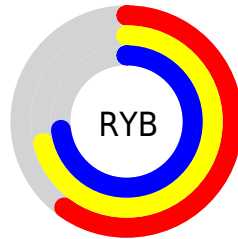
The Yxy color **43.9389, 0.3068, 0.3677** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.4030, 0.3193, 0.2931**, and the grayscale version is **41.4877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1246, 0.3080, 0.3597**, and **20.3888, 0.3048, 0.3793** is the 20% darker color. If you saturate the color by 10%, you get **41.7732, 0.3034, 0.3939**, and if you desaturate by 10%, it is **46.4558, 0.3102, 0.3443**.

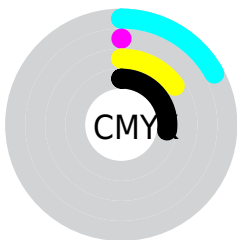
Distribution



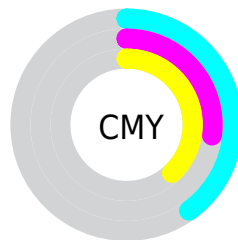
- Red (60%)
- Green (73%)
- Blue (62%)



- Red (60%)
- Yellow (71%)
- Blue (73%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (27%)





- Cyan (40%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9389, 0.3068, 0.3677 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 43.9389, 0.3068, 0.3677 by changing the saturation by 10% instead.


 43.9389, 0.3068,
0.3677

 43.9389, 0.3068,
0.3677


362.4589, 0.3100,
0.3477

 30.6225, 0.3059,
0.3729


 81.1258, 0.3080,
0.3602

 20.3115, 0.3047,
0.3798


 105.7651, 0.3085,
0.3575

 12.6217, 0.3030,
0.3892


134.9474, 0.3089,
0.3552

 7.1686, 0.3003,
0.4028

169.0572, 0.3092,
0.3532

 3.5678, 0.2959,
0.4243

208.4788, 0.3094,
0.3516

 1.4348, 0.2882,
0.4652

253.5967, 0.3097,

 0.2422, 0.0000,

0.3501

1.0000

304.7953, 0.3099,
0.3488

0.0000, 0.0000,
0.0000

43.9389, 0.3068,
0.3677

43.9389, 0.3068,
0.3677

41.7732, 0.3034,
0.3939

46.4558, 0.3102,
0.3443

39.9378, 0.3002,
0.4226

49.3328, 0.3136,
0.3237

38.4180, 0.2973,
0.4531

52.5853, 0.3168,
0.3056

37.1959, 0.2951,
0.4844

56.2262, 0.3199,
0.2900

36.2516, 0.2938,
0.5148

60.2678, 0.3227,
0.2765

■ 35.5628, 0.2935,
0.5426

■ 62.9688, 0.3183,
0.2633

■ 35.1040, 0.2943,
0.5658

■ 63.1768, 0.3159,
0.2604

■ 34.8391, 0.2960,
0.5830

■ 34.7843, 0.2963,
0.5867

Harmonies

Analogous

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



43.9389, 0.3339, 0.3773



43.9389, 0.3068, 0.3677



43.9389, 0.2820, 0.3462

Triad

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



43.9389, 0.3068, 0.3677



43.9389, 0.2703, 0.2860



43.9389, 0.3620, 0.3344

Complementary

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



43.9389, 0.3068, 0.3677



36.4030, 0.3193, 0.2931

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.



43.9389, 0.3435, 0.3120



43.9389, 0.3068, 0.3677



43.9389, 0.2902, 0.2848

Square

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



43.9389, 0.3068, 0.3677



43.9389, 0.2616, 0.2985



43.9389, 0.3169, 0.2943



43.9389, 0.3666, 0.3564

Rectangle

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



43.9389, 0.3068, 0.3677



43.9389, 0.2699, 0.3289



43.9389, 0.3169, 0.2943



43.9389, 0.3571, 0.3267

Sweetspot

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



43.9408, 0.3068, 0.3677



84.2806, 0.3110, 0.3395



46.7253, 0.3340, 0.3719



18.0949, 0.3108, 0.3410



93.3107, 0.3127, 0.3290



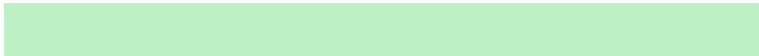
18.7317, 0.3127, 0.3290

Same Dimension

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



43.9408, 0.3068, 0.3677



77.0488, 0.3054, 0.3780



44.5207, 0.2951, 0.3447



10.0823, 0.3095, 0.3489



23.6929, 0.2959, 0.5852



0.8424, 0.2846, 0.5444

Inverse Universe

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



36.4030, 0.3193, 0.2931



60.8434, 0.3210, 0.2845



35.7949, 0.3343, 0.3139



9.1381, 0.3161, 0.3099



8.6718, 0.3639, 0.1778



0.3122, 0.3512, 0.1708

Previews

White Background



This preview shows how the Yxy color 43.9389, 0.3068, 0.3677 looks on a white background.

Color Contrast Check

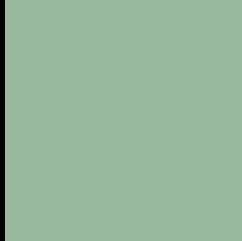
Large Text (above 18pt) WCAG AA × Fail

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 43.9389, 0.3068, 0.3677 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 43.9389, 0.3068, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 43.9389, 0.3068, 0.3677.



This preview shows how white text looks on a background with the Yxy color 43.9389, 0.3068, 0.3677.

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

43.9389, 0.3068, 0.3677

Protanopia

43.6649, 0.3402, 0.3599

Deuteranopia

43.4648, 0.3477, 0.3406



Tritanopia

43.9085, 0.2849, 0.3100

Trichromacy



Original Color

43.9389, 0.3068, 0.3677

Protanomaly

43.4910, 0.3270, 0.3621

Deuteranomaly

43.1431, 0.3316, 0.3492

Tritanomaly

43.9602, 0.2929, 0.3303

Monochromacy



Original Color

43.9389, 0.3068, 0.3677

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.2336, 0.3103, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9389, 0.3068, 0.3677 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(153, 185, 158)` looks like.

```
.text, #text, p{  
    color:rgb(153, 185, 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(153, 185, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 185, 158) }
```

Border

The CSS property to change the border of an element to Yxy 43.9389, 0.3068, 0.3677 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(153, 185, 158) }
```

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

```
.border{ border-color:rgb(153, 185, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 185, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 185, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 185, 158);  
box-shadow:4px 4px 4px 4px rgb(153, 185,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9389, 0.3068, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 185, 158) }
```

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

```
.background{ background-color: rgb(153,  
185, 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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