

Converting Colors

$Yxy(43.8065, 0.2898, 0.3737)$

Have a look what the booklet for
Yxy(43.8065, 0.2898, 0.3737)
contains.

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Color

Yxy(43.8039, 0.2898, 0.3736)

Conversions

Conversions Part 1

Format	Color
Hex	84BD9F
RGB	132, 189, 159
RGB Percent	52%, 74%, 62%
CMY	0.4821, 0.2589, 0.3765
CMYK	0.30, 0.00, 0.16, 0.26
HSL	148°, 30%, 63%
HSV	148°, 30%, 74%
XYZ	33.9785, 43.8039, 39.4657
YIQ	168.5370, -24.3420, -21.4140

Conversions

Conversions Part 2

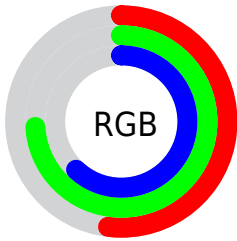
Format	Color
RYB	132, 171, 189
Decimal	8699295
CIELab	72.10, -24.87, 9.29
CIELCh	72, 26.548, 159.510
Yxy	43.8039, 0.2898, 0.3736
Android (android.graphics.Color)	4286889375 (0xFF84BD9F)
YUV	168.5370, -4.7017, -32.0429
Hunter-Lab	66.1845, -24.1827, 10.9746

Details

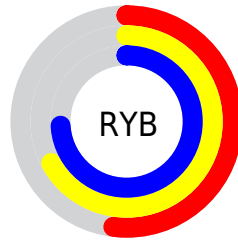
The Yxy color **43.8039, 0.2898, 0.3736** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **29.9478, 0.3445, 0.2885**, and the grayscale version is **39.4753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5990, 0.2938, 0.3641**, and **20.1161, 0.2818, 0.3862** is the 20% darker color. If you saturate the color by 10%, you get **42.0848, 0.2833, 0.3914**, and if you desaturate by 10%, it is **45.8305, 0.2970, 0.3572**.

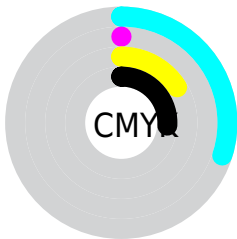
Distribution



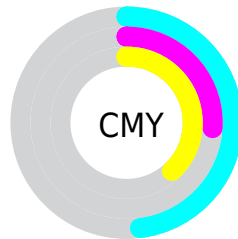
- Red (52%)
- Green (74%)
- Blue (62%)



- Red (52%)
- Yellow (67%)
- Blue (74%)



- Cyan (30%)
- Magenta (0%)
- Yellow (16%)
- Black (26%)





- Cyan (48%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8039, 0.2898, 0.3736 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 43.8039, 0.2898, 0.3736 by changing the saturation by 10% instead.


 43.8039, 0.2898,
0.3736

 43.8039, 0.2898,
0.3736


361.9074, 0.3017,
0.3504


 30.5164, 0.2867,
0.3797


 80.9226, 0.2942,
0.3649

 20.2309, 0.2826,
0.3877

 105.5225, 0.2959,
0.3618

 12.5630, 0.2770,
0.3988


 134.6621, 0.2972,
0.3591

 7.1283, 0.2688,
0.4149

168.7256, 0.2984,
0.3568

 3.5425, 0.2559,
0.4406

208.0975, 0.2994,
0.3549

 1.4211, 0.2300,
0.4908

253.1622, 0.3003,

 0.2322, 0.0000,

0.3532

1.0000

304.3040, 0.3010,
0.3517

■ 0.0000, 0.0000,
0.0000

■ 43.8039, 0.2898,
0.3736

■ 43.8039, 0.2898,
0.3736

■ 42.0848, 0.2833,
0.3914

■ 45.8305, 0.2970,
0.3572

■ 40.6523, 0.2778,
0.4106

■ 48.1736, 0.3047,
0.3424

■ 39.4910, 0.2737,
0.4306


■ 50.8485, 0.3126,
0.3292


■ 38.5823, 0.2712,
0.4512


■ 53.8678, 0.3205,
0.3174


■ 37.9047, 0.2707,
0.4717


■ 57.2437, 0.3283,
0.3070

 37.4329, 0.2721,
0.4915

 60.9874, 0.3359,
0.2979

 37.1204, 0.2750,
0.5099

 63.2918, 0.3357,
0.2889

 63.8630, 0.3279,
0.2794

 64.4667, 0.3204,
0.2701

Harmonies

Analogous

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



43.8039, 0.3272, 0.3946



43.8039, 0.2898, 0.3736



43.8039, 0.2598, 0.3386

Triad

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



43.8039, 0.2898, 0.3736



43.8039, 0.2632, 0.2675



43.8039, 0.3867, 0.3476

Complementary

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



43.8039, 0.2898, 0.3736



29.9478, 0.3445, 0.2885

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.



43.8039, 0.3676, 0.3166



43.8039, 0.2898, 0.3736



43.8039, 0.2947, 0.2722

Square

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



43.8039, 0.2898, 0.3736



43.8039, 0.2452, 0.2779



43.8039, 0.3332, 0.2898



43.8039, 0.3844, 0.3761

Rectangle

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



43.8039, 0.2898, 0.3736



43.8039, 0.2474, 0.3142



43.8039, 0.3332, 0.2898



43.8039, 0.3826, 0.3372

Sweetspot

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



43.8057, 0.2898, 0.3736



86.7293, 0.3055, 0.3411



45.7854, 0.3339, 0.4093



18.5096, 0.3044, 0.3431



95.5105, 0.3127, 0.3290



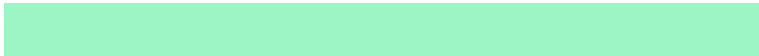
19.5994, 0.3127, 0.3290

Same Dimension

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



43.8057, 0.2898, 0.3736



76.4136, 0.2855, 0.3850



44.8943, 0.2711, 0.3316



10.7228, 0.3053, 0.3413



24.9933, 0.2743, 0.5076



0.9922, 0.2616, 0.4617

Inverse Universe

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



29.9478, 0.3445, 0.2885



47.6960, 0.3538, 0.2795



29.0575, 0.3770, 0.3266



9.6181, 0.3208, 0.3170



7.9082, 0.4822, 0.2430



0.3229, 0.4336, 0.2162

Previews

White Background



This preview shows how the Yxy color 43.8039, 0.2898, 0.3736 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 43.8039, 0.2898, 0.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

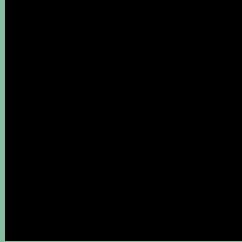
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8039, 0.2898, 0.3736

Background



This preview shows how black text looks on a background with the Yxy color 43.8039, 0.2898, 0.3736.



This preview shows how white text looks on a background with the Yxy color 43.8039, 0.2898, 0.3736.

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

43.8039, 0.2898, 0.3736

Protanopia

43.6320, 0.3411, 0.3612

Deuteranopia

43.3996, 0.3449, 0.3381



Tritanopia

43.5196, 0.2685, 0.3080

Trichromacy



Original Color

43.8039, 0.2898, 0.3736

Protanomaly

43.5213, 0.3205, 0.3655

Deuteranomaly

43.0516, 0.3224, 0.3496

Tritanomaly

43.4770, 0.2759, 0.3303

Monochromacy



Original Color

43.8039, 0.2898, 0.3736

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.8352, 0.3042, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8039, 0.2898, 0.3736 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(132, 189, 159)` looks like.

```
.text, #text, p{  
    color:rgb(132, 189, 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(132, 189, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 189, 159) }
```

Border

The CSS property to change the border of an element to Yxy 43.8039, 0.2898, 0.3736 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(132, 189, 159) }
```

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

```
.border{ border-color:rgb(132, 189, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 189, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 189, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 189, 159);  
box-shadow:4px 4px 4px 4px rgb(132, 189,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8039, 0.2898, 0.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 189, 159) }
```

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

```
.background{ background-color: rgb(132,  
189, 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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