

Converting Colors

$Yxy(43.4537, 0.2835, 0.3557)$

Have a look what the booklet for
Yxy(43.4537, 0.2835, 0.3557)
contains.

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Color

Yxy(43.3918, 0.2834, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	85BBA9
RGB	133, 187, 169
RGB Percent	52%, 73%, 66%
CMY	0.4786, 0.2666, 0.3372
CMYK	0.29, 0.00, 0.10, 0.27
HSL	160°, 28%, 63%
HSV	160°, 29%, 73%
XYZ	34.6011, 43.3918, 44.0999
YIQ	168.8020, -26.4060, -17.0460

Conversions

Conversions Part 2

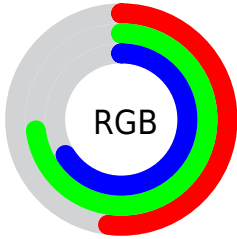
Format	Color
RYB	133, 165, 187
Decimal	8764329
CIELab	71.82, -21.52, 3.44
CIElCh	72, 21.792, 170.921
Yxy	43.3918, 0.2834, 0.3554
Android (android.graphics.Color)	4286954409 (0xFF85BBA9)
YUV	168.8020, 0.0976, -31.3984
Hunter-Lab	65.8725, -21.5153, 6.4176

Details

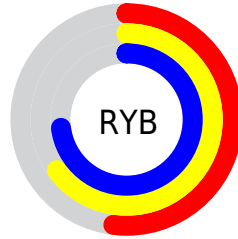
The Yxy color **43.3918, 0.2834, 0.3554** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **29.5616, 0.3546, 0.3042**, and the grayscale version is **39.5798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0478, 0.2888, 0.3503**, and **20.0839, 0.2745, 0.3644** is the 20% darker color. If you saturate the color by 10%, you get **41.7769, 0.2747, 0.3662**, and if you desaturate by 10%, it is **45.2923, 0.2930, 0.3454**.

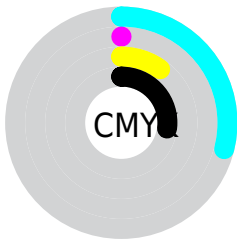
Distribution



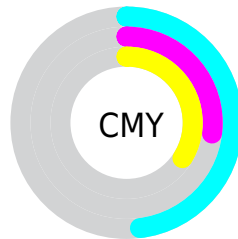
- Red (52%)
- Green (73%)
- Blue (66%)



- Red (52%)
- Yellow (65%)
- Blue (73%)



- Cyan (29%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)





- Cyan (48%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3918, 0.2834, 0.3554 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 43.3918, 0.2834, 0.3554 by changing the saturation by 10% instead.


 43.3918, 0.2834,
0.3554


 43.3918, 0.2834,
0.3554


360.2206, 0.2983,
0.3419


 30.1926, 0.2796,
0.3589


 80.3018, 0.2889,
0.3504

 19.9849, 0.2747,
0.3635


 104.7814, 0.2909,
0.3485

 12.3840, 0.2680,
0.3697


 133.7899, 0.2926,
0.3470

 7.0058, 0.2585,
0.3786

167.7118, 0.2941,
0.3456

 3.4657, 0.2440,
0.3926

206.9314, 0.2954,
0.3445

 1.3794, 0.2177,
0.4181

251.8331, 0.2965,

 0.2015, 0.0000,

0.3435

1.0000

302.8014, 0.2975,
0.3426

0.0000, 0.0000,
0.0000

43.3918, 0.2834,
0.3554

43.3918, 0.2834,
0.3554

41.7769, 0.2747,
0.3662

45.2923, 0.2930,
0.3454

40.4278, 0.2672,
0.3777

47.4866, 0.3033,
0.3364

39.3303, 0.2612,
0.3898

49.9890, 0.3139,
0.3281

38.4670, 0.2570,
0.4023

52.8114, 0.3247,
0.3208

37.8178, 0.2547,
0.4151

55.9650, 0.3354,
0.3143

■ 37.3593, 0.2544,
0.4277

■ 59.4604, 0.3460,
0.3085

■ 37.0510, 0.2558,
0.4403

■ 61.5879, 0.3490,
0.3028

■ 37.0204, 0.2560,
0.4416

■ 61.9091, 0.3439,
0.2966

■ 62.2426, 0.3388,
0.2905

Harmonies

Analogous

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



43.3918, 0.3130, 0.3778



43.3918, 0.2834, 0.3554



43.3918, 0.2622, 0.3257

Triad

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



43.3918, 0.2834, 0.3554



43.3918, 0.2806, 0.2778



43.3918, 0.3750, 0.3545

Complementary

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



43.3918, 0.2834, 0.3554



29.5616, 0.3546, 0.3042

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.



43.3918, 0.3657, 0.3288



43.3918, 0.2834, 0.3554



43.3918, 0.3099, 0.2860

Square

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



43.3918, 0.2834, 0.3554



43.3918, 0.2607, 0.2819



43.3918, 0.3414, 0.3043



43.3918, 0.3666, 0.3754

Rectangle

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



43.3918, 0.2834, 0.3554



43.3918, 0.2553, 0.3069



43.3918, 0.3414, 0.3043



43.3918, 0.3738, 0.3461

Sweetspot

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



43.3936, 0.2834, 0.3554



84.9367, 0.3030, 0.3366



43.8141, 0.3237, 0.4081



18.5708, 0.3015, 0.3378



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.



43.3936, 0.2834, 0.3554



75.7250, 0.2775, 0.3625



40.4126, 0.2700, 0.3158



10.7541, 0.3028, 0.3367



25.5180, 0.2556, 0.4401



1.0112, 0.2473, 0.4102

Inverse Universe

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



29.5616, 0.3546, 0.3042



46.7235, 0.3681, 0.2983



31.5940, 0.3720, 0.3417



9.5873, 0.3237, 0.3214



7.5326, 0.5613, 0.2866



0.3074, 0.4926, 0.2488

Previews

White Background



This preview shows how the Yxy color 43.3918, 0.2834, 0.3554 looks on a white background.

Color Contrast Check

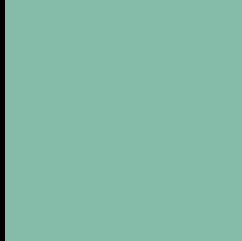
Large Text (above 18pt) WCAG AA × Fail

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 43.3918, 0.2834, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

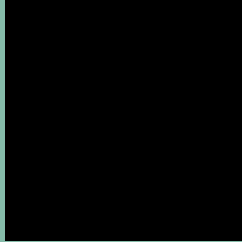
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3918, 0.2834, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 43.3918, 0.2834, 0.3554.



This preview shows how white text looks on a background with the Yxy color 43.3918, 0.2834, 0.3554.

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

43.3918, 0.2834, 0.3554

Protanopia

43.2137, 0.3299, 0.3465

Deuteranopia

43.1040, 0.3313, 0.3252



Tritanopia

43.4332, 0.2679, 0.3080

Trichromacy



Original Color

43.3918, 0.2834, 0.3554

Protanomaly

42.8493, 0.3109, 0.3486

Deuteranomaly

42.6872, 0.3116, 0.3345

Tritanomaly

43.1872, 0.2738, 0.3246

Monochromacy



Original Color

43.3918, 0.2834, 0.3554

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.9832, 0.3010, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3918, 0.2834, 0.3554 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(133, 187, 169)` looks like.

```
.text, #text, p{  
    color:rgb(133, 187, 169)  
}
```

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(133, 187, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 187, 169) }
```

Border

The CSS property to change the border of an element to Yxy 43.3918, 0.2834, 0.3554 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(133, 187, 169) }
```

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

```
.border{ border-color:rgb(133, 187, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 187, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 187, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 187, 169);  
box-shadow:4px 4px 4px 4px rgb(133, 187,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3918, 0.2834, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 187, 169) }
```

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

```
.background{ background-color: rgb(133,  
187, 169) }
```

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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