

Converting Colors

$Yxy(43.0301, 0.2939, 0.3456)$

Have a look what the booklet for
Yxy(43.0301, 0.2939, 0.3456)
contains.

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Color

Yxy(43.1968, 0.2939, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	95B7AB
RGB	149, 183, 171
RGB Percent	58%, 72%, 67%
CMY	0.4156, 0.2824, 0.3294
CMYK	0.19, 0.00, 0.07, 0.28
HSL	159°, 19%, 65%
HSV	159°, 19%, 72%
XYZ	36.6817, 43.1968, 44.9317
YIQ	171.4660, -16.4120, -10.9400

Conversions

Conversions Part 2

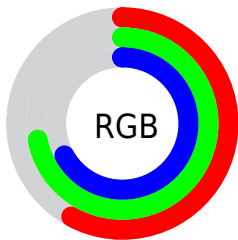
Format	Color
RYB	149, 170, 183
Decimal	9811883
CIELab	71.69, -13.93, 2.29
CIELCh	72, 14.121, 170.679
Yxy	43.1968, 0.2939, 0.3461
Android (android.graphics.Color)	4288001963 (0xFF95B7AB)
YUV	171.4660, -0.2297, -19.7027
Hunter-Lab	65.7243, -15.3939, 5.4740

Details

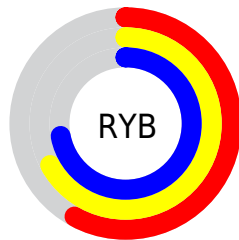
The Yxy color **43.1968, 0.2939, 0.3461** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.1442, 0.3361, 0.3125**, and the grayscale version is **40.9816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9205, 0.2973, 0.3432**, and **19.8938, 0.2885, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **41.3695, 0.2845, 0.3567**, and if you desaturate by 10%, it is **45.3102, 0.3039, 0.3365**.

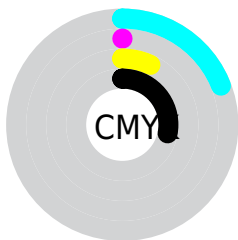
Distribution



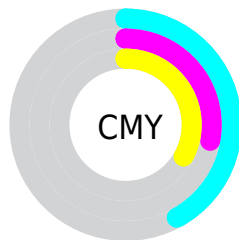
- Red (58%)
- Green (72%)
- Blue (67%)



- Red (58%)
- Yellow (67%)
- Blue (72%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (28%)





- Cyan (42%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1968, 0.2939, 0.3461 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 43.1968, 0.2939, 0.3461 by changing the saturation by 10% instead.


 43.1968, 0.2939,
0.3461


 43.1968, 0.2939,
0.3461


359.4205, 0.3035,
0.3374

 30.0396, 0.2915,
0.3483


 80.0078, 0.2974,
0.3429

 19.8686, 0.2883,
0.3513


 104.4303, 0.2987,
0.3417

 12.2996, 0.2840,
0.3553


133.3766, 0.2998,
0.3407

 6.9480, 0.2779,
0.3610

167.2313, 0.3008,
0.3398

 3.4296, 0.2686,
0.3698

206.3786, 0.3016,
0.3391

 1.3599, 0.2524,
0.3854

251.2030, 0.3023,

 0.1869, 0.0000,

0.3384

0.8108

302.0888, 0.3029,
0.3379

0.0000, 0.0000,
0.0000

43.1968, 0.2939,
0.3461

43.1968, 0.2939,
0.3461

41.3695, 0.2845,
0.3567

45.3102, 0.3039,
0.3365

39.8103, 0.2760,
0.3681

47.7162, 0.3142,
0.3278

38.5069, 0.2686,
0.3803

50.4279, 0.3247,
0.3201

37.4446, 0.2628,
0.3932

53.4560, 0.3351,
0.3132

36.6066, 0.2586,
0.4066

56.8105, 0.3453,
0.3071

■ 35.9741, 0.2564,
0.4201

■ 59.7685, 0.3520,
0.3015

■ 35.5251, 0.2562,
0.4336

■ 60.0968, 0.3466,
0.2950

■ 35.2223, 0.2578,
0.4469

■ 60.4383, 0.3412,
0.2886

■ 35.1831, 0.2580,
0.4488

■ 60.7930, 0.3360,
0.2824

Harmonies

Analogous

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



43.1968, 0.3134, 0.3601



43.1968, 0.2939, 0.3461



43.1968, 0.2797, 0.3274

Triad

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



43.1968, 0.2939, 0.3461



43.1968, 0.2917, 0.2951



43.1968, 0.3529, 0.3461

Complementary

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



43.1968, 0.2939, 0.3461



34.1442, 0.3361, 0.3125

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.



43.1968, 0.3468, 0.3291



43.1968, 0.2939, 0.3461



43.1968, 0.3110, 0.3004

Square

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



43.1968, 0.2939, 0.3461



43.1968, 0.2785, 0.2983



43.1968, 0.3313, 0.3126



43.1968, 0.3478, 0.3594

Rectangle

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



43.1968, 0.2939, 0.3461



43.1968, 0.2749, 0.3153



43.1968, 0.3313, 0.3126



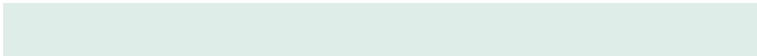
43.1968, 0.3521, 0.3407

Sweetspot

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



43.1986, 0.2939, 0.3461



82.1640, 0.3064, 0.3343



43.6644, 0.3210, 0.3773



18.0880, 0.3057, 0.3348



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.



43.1986, 0.2939, 0.3461



76.0666, 0.2902, 0.3500



41.8385, 0.2849, 0.3225



10.1553, 0.3031, 0.3372



24.5582, 0.2576, 0.4473



0.8770, 0.2480, 0.4130

Inverse Universe

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



34.1442, 0.3361, 0.3125



57.0497, 0.3420, 0.3090



35.2025, 0.3472, 0.3354



9.0632, 0.3234, 0.3210



7.2984, 0.5532, 0.2821



0.2693, 0.4806, 0.2421

Previews

White Background



This preview shows how the Yxy color 43.1968, 0.2939, 0.3461 looks on a white background.

Color Contrast Check

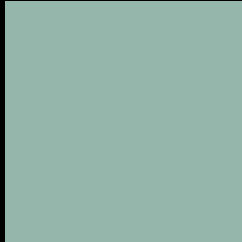
Large Text (above 18pt) WCAG AA × Fail

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 43.1968, 0.2939, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

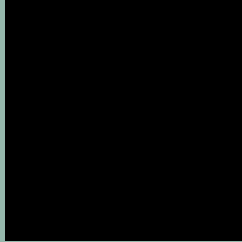
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

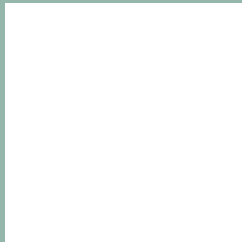
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1968, 0.2939, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 43.1968, 0.2939, 0.3461.



This preview shows how white text looks on a background with the Yxy color 43.1968, 0.2939, 0.3461.

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

43.1968, 0.2939, 0.3461

Protanopia

42.7286, 0.3248, 0.3398

Deuteranopia

43.1429, 0.3304, 0.3239



Tritanopia

43.3099, 0.2803, 0.3097

Trichromacy



Original Color

43.1968, 0.2939, 0.3461

Protanomaly

42.7065, 0.3130, 0.3414

Deuteranomaly

43.0242, 0.3161, 0.3317

Tritanomaly

43.2683, 0.2853, 0.3220

Monochromacy



Original Color

43.1968, 0.2939, 0.3461

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.3867, 0.3055, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1968, 0.2939, 0.3461 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(149, 183, 171)` looks like.

```
.text, #text, p{  
    color:rgb(149, 183, 171)  
}
```

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(149, 183, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 183, 171) }
```

Border

The CSS property to change the border of an element to Yxy 43.1968, 0.2939, 0.3461 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(149, 183, 171) }
```

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

```
.border{ border-color:rgb(149, 183, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 183, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 183, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 183, 171);  
box-shadow:4px 4px 4px 4px rgb(149, 183,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1968, 0.2939, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 183, 171) }
```

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

```
.background{ background-color: rgb(149,  
183, 171) }
```

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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