

Converting Colors

$Yxy(43.9653, 0.2947, 0.3509)$

Have a look what the booklet for
Yxy(43.9653, 0.2947, 0.3509)
contains.

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Color

Yxy(43.9898, 0.2947, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	95B9AA
RGB	149, 185, 170
RGB Percent	58%, 73%, 67%
CMY	0.4155, 0.2745, 0.3333
CMYK	0.19, 0.00, 0.08, 0.27
HSL	155°, 20%, 65%
HSV	155°, 19%, 73%
XYZ	37.0077, 43.9898, 44.5800
YIQ	172.5260, -16.6410, -12.2970

Conversions

Conversions Part 2

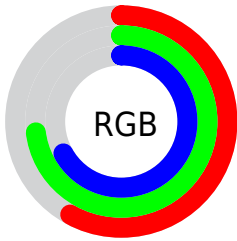
Format	Color
RYB	149, 172, 185
Decimal	9812394
CIELab	72.22, -15.16, 3.60
CIElCh	72, 15.579, 166.654
Yxy	43.9898, 0.2947, 0.3503
Android (android.graphics.Color)	4288002474 (0xFF95B9AA)
YUV	172.5260, -1.2453, -20.6323
Hunter-Lab	66.3248, -16.4696, 6.5758

Details

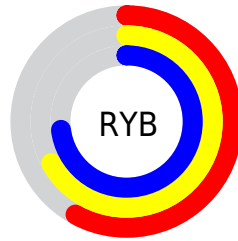
The Yxy color $43.9898, 0.2947, 0.3503$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $34.5064, 0.3351, 0.3087$, and the grayscale version is $41.5545, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.1842, 0.2985, 0.3464$, and $20.4072, 0.2896, 0.3569$ is the 20% darker color. If you saturate the color by 10%, you get $42.1036, 0.2861, 0.3630$, and if you desaturate by 10%, it is $46.1732, 0.3038, 0.3388$.

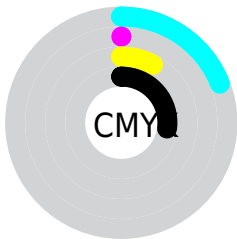
Distribution



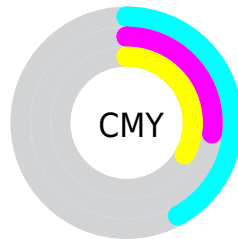
- Red (58%)
- Green (73%)
- Blue (67%)



- Red (58%)
- Yellow (67%)
- Blue (73%)



- Cyan (19%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)





- Cyan (42%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9898, 0.2947, 0.3503 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 43.9898, 0.2947, 0.3503 by changing the saturation by 10% instead.

 43.9898, 0.2947,
0.3503


 43.9898, 0.2947,
0.3503


362.6667, 0.3039,
0.3394

 30.6625, 0.2924,
0.3531


 81.2024, 0.2981,
0.3463

 20.3420, 0.2893,
0.3568

 105.8565, 0.2993,
0.3448

 12.6439, 0.2852,
0.3617


135.0549, 0.3004,
0.3435

 7.1838, 0.2794,
0.3689

169.1821, 0.3013,
0.3425

 3.5773, 0.2704,
0.3800

208.6225, 0.3021,
0.3415

 1.4400, 0.2548,
0.3996

253.7605, 0.3027,

 0.2460, 0.0000,

0.3407

0.9375

304.9804, 0.3033,
0.3400

0.0000, 0.0000,
0.0000

43.9898, 0.2947,
0.3503

43.9898, 0.2947,
0.3503

42.1036, 0.2861,
0.3630

46.1732, 0.3038,
0.3388

40.4958, 0.2783,
0.3767

48.6607, 0.3133,
0.3284

39.1538, 0.2717,
0.3915

51.4658, 0.3228,
0.3192

38.0619, 0.2665,
0.4070

54.5997, 0.3322,
0.3110

37.2029, 0.2631,
0.4230

58.0728, 0.3415,
0.3038

■ 36.5569, 0.2616,
0.4392

■ 60.9251, 0.3462,
0.2971

■ 36.1008, 0.2621,
0.4552

■ 61.3338, 0.3399,
0.2894

■ 35.7914, 0.2642,
0.4708

■ 61.7614, 0.3338,
0.2820

■ 35.7751, 0.2644,
0.4717

■ 62.2082, 0.3277,
0.2747

Harmonies

Analogous

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



43.9898, 0.3165, 0.3646



43.9898, 0.2947, 0.3503



43.9898, 0.2781, 0.3300

Triad

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



43.9898, 0.2947, 0.3503



43.9898, 0.2873, 0.2919



43.9898, 0.3567, 0.3453

Complementary

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



43.9898, 0.2947, 0.3503



34.5064, 0.3351, 0.3087

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.



43.9898, 0.3483, 0.3265



43.9898, 0.2947, 0.3503



43.9898, 0.3077, 0.2965

Square

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



43.9898, 0.2947, 0.3503



43.9898, 0.2740, 0.2966



43.9898, 0.3302, 0.3090



43.9898, 0.3527, 0.3607

Rectangle

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



43.9898, 0.2947, 0.3503



43.9898, 0.2720, 0.3164



43.9898, 0.3302, 0.3090



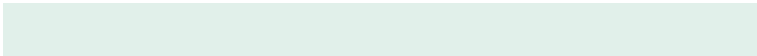
43.9898, 0.3552, 0.3392

Sweetspot

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



43.9916, 0.2947, 0.3503



84.1262, 0.3070, 0.3352



44.7610, 0.3230, 0.3795



18.0756, 0.3063, 0.3359



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.



43.9916, 0.2947, 0.3503



77.4004, 0.2912, 0.3552



43.3512, 0.2838, 0.3247



10.1456, 0.3039, 0.3387



24.3772, 0.2638, 0.4698



0.8714, 0.2526, 0.4293

Inverse Universe

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



34.5064, 0.3351, 0.3087



57.5219, 0.3408, 0.3043



34.9571, 0.3496, 0.3332



9.0726, 0.3224, 0.3195



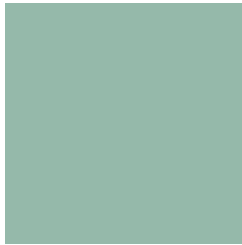
7.4024, 0.5279, 0.2682



0.2734, 0.4616, 0.2317

Previews

White Background



This preview shows how the Yxy color 43.9898, 0.2947, 0.3503 looks on a white background.

Color Contrast Check

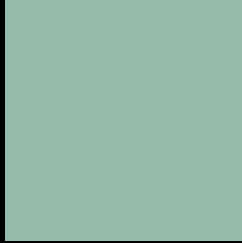
Large Text (above 18pt) WCAG AA × Fail

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 43.9898, 0.2947, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

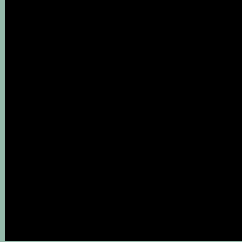
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

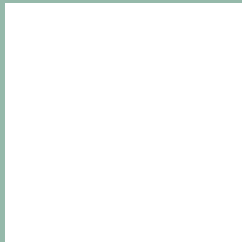
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9898, 0.2947, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 43.9898, 0.2947, 0.3503.

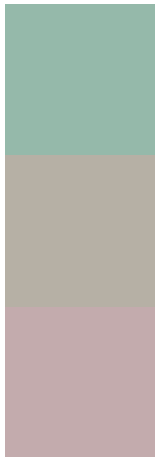


This preview shows how white text looks on a background with the Yxy color 43.9898, 0.2947, 0.3503.

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

43.9898, 0.2947, 0.3503

Protanopia

43.7124, 0.3272, 0.3438

Deuteranopia

43.7451, 0.3330, 0.3265



Tritanopia

43.9033, 0.2798, 0.3085

Trichromacy



Original Color

43.9898, 0.2947, 0.3503

Protanomaly

43.5763, 0.3145, 0.3455

Deuteranomaly

43.4942, 0.3178, 0.3344

Tritanomaly

43.7192, 0.2846, 0.3220

Monochromacy



Original Color

43.9898, 0.2947, 0.3503

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.3154, 0.3055, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9898, 0.2947, 0.3503 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, 185, 170)` looks like.

```
.text, #text, p{  
    color:rgb(149, 185, 170)  
}
```

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, 185, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 185, 170) }
```

Border

The CSS property to change the border of an element to Yxy 43.9898, 0.2947, 0.3503 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, 185, 170) }
```

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

```
.border{ border-color:rgb(149, 185, 170) }
```

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

Here you see how a box with a 4 pixel rgb(149, 185, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 185, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 185, 170);  
box-shadow:4px 4px 4px 4px rgb(149, 185,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9898, 0.2947, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 185, 170) }
```

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

```
.background{ background-color: rgb(149,  
185, 170) }
```

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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