

Converting Colors

$Y_{xy}(43.6910, 0.2953, 0.3549)$

Have a look what the booklet for
Yxy(43.6910, 0.2953, 0.3549)
contains.

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Color

Yxy(43.6910, 0.2953, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	93B9A7
RGB	147, 185, 167
RGB Percent	58%, 73%, 65%
CMY	0.4235, 0.2745, 0.3452
CMYK	0.21, 0.00, 0.10, 0.27
HSL	152°, 21%, 65%
HSV	152°, 21%, 73%
XYZ	36.3538, 43.6910, 43.0631
YIQ	171.5860, -16.8700, -13.6540

Conversions

Conversions Part 2

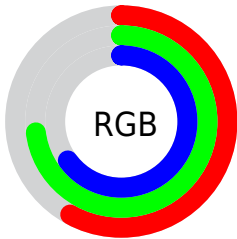
Format	Color
RYB	147, 172, 185
Decimal	9681319
CIELab	72.02, -16.46, 4.95
CIElCh	72, 17.188, 163.246
Yxy	43.6910, 0.2953, 0.3549
Android (android.graphics.Color)	4287871399 (0xFF93B9A7)
YUV	171.5860, -2.2609, -21.5619
Hunter-Lab	66.0992, -17.5006, 7.6424

Details

The Yxy color **43.6910, 0.2953, 0.3549** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.8988, 0.3345, 0.3045**, and the grayscale version is **41.0524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6020, 0.2983, 0.3499**, and **20.2271, 0.2905, 0.3634** is the 20% darker color. If you saturate the color by 10%, you get **41.8042, 0.2875, 0.3696**, and if you desaturate by 10%, it is **45.8785, 0.3036, 0.3416**.

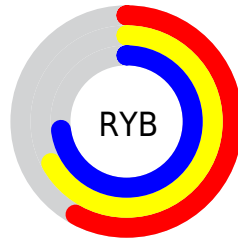
Distribution



Red (58%)

Green (73%)

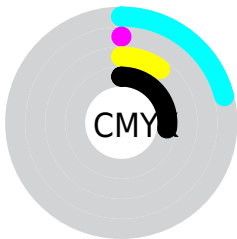
Blue (65%)



Red (58%)

Yellow (67%)

Blue (73%)

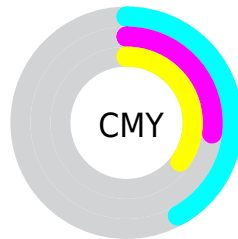


Cyan (21%)

Magenta (0%)

Yellow (10%)

Black (27%)



Cyan (42%)


Magenta (27%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6910, 0.2953, 0.3549 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 43.6910, 0.2953, 0.3549 by changing the saturation by 10% instead.


 43.6910, 0.2953,
0.3549


 43.6910, 0.2953,
0.3549


361.4458, 0.3042,
0.3416

 30.4277, 0.2930,
0.3584


 80.7526, 0.2986,
0.3500

 20.1634, 0.2900,
0.3629


 105.3196, 0.2998,
0.3481

 12.5139, 0.2860,
0.3690


134.4233, 0.3008,
0.3466

 7.0947, 0.2801,
0.3779

168.4481, 0.3017,
0.3453

 3.5214, 0.2711,
0.3918

207.7783, 0.3025,
0.3442

 1.4096, 0.2552,
0.4168

252.7984, 0.3031,

 0.2238, 0.0000,

0.3432

1.0000

303.8928, 0.3037,
0.3423

0.0000, 0.0000,
0.0000

43.6910, 0.2953,
0.3549

43.6910, 0.2953,
0.3549

41.8042, 0.2875,
0.3696

45.8785, 0.3036,
0.3416

40.1991, 0.2804,
0.3855

48.3740, 0.3122,
0.3296

38.8629, 0.2745,
0.4026

51.1911, 0.3209,
0.3190

37.7796, 0.2700,
0.4206

54.3412, 0.3295,
0.3096

36.9314, 0.2672,
0.4390

57.8349, 0.3378,
0.3013

■ 36.2981, 0.2664,
0.4575

■ 61.1092, 0.3435,
0.2937

■ 35.8559, 0.2675,
0.4756

■ 61.5856, 0.3364,
0.2851

■ 35.5687, 0.2700,
0.4920

■ 62.0867, 0.3294,
0.2767

■ 62.6130, 0.3227,
0.2686

Harmonies

Analogous

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



43.6910, 0.3196, 0.3696



43.6910, 0.2953, 0.3549



43.6910, 0.2762, 0.3327

Triad

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



43.6910, 0.2953, 0.3549



43.6910, 0.2825, 0.2881



43.6910, 0.3610, 0.3446

Complementary

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



43.6910, 0.2953, 0.3549



33.8988, 0.3345, 0.3045

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.



43.6910, 0.3503, 0.3238



43.6910, 0.2953, 0.3549



43.6910, 0.3043, 0.2921

Square

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



43.6910, 0.2953, 0.3549



43.6910, 0.2690, 0.2944



43.6910, 0.3293, 0.3050



43.6910, 0.3581, 0.3623

Rectangle

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



43.6910, 0.2953, 0.3549



43.6910, 0.2686, 0.3174



43.6910, 0.3293, 0.3050



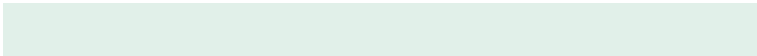
43.6910, 0.3589, 0.3377

Sweetspot

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



43.6928, 0.2953, 0.3549



84.0786, 0.3074, 0.3361



44.8464, 0.3257, 0.3823



18.0643, 0.3069, 0.3369



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.



43.6928, 0.2953, 0.3549



76.5367, 0.2914, 0.3619



44.1424, 0.2824, 0.3280



10.1369, 0.3047, 0.3401



24.2317, 0.2694, 0.4899



0.8666, 0.2567, 0.4443

Inverse Universe

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



33.8988, 0.3345, 0.3045



55.5887, 0.3410, 0.2984



33.4852, 0.3529, 0.3300



9.0813, 0.3216, 0.3182



7.5148, 0.5039, 0.2549



0.2774, 0.4447, 0.2223

Previews

White Background



This preview shows how the Yxy color 43.6910, 0.2953, 0.3549 looks on a white background.

Color Contrast Check

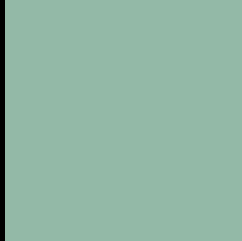
Large Text (above 18pt) WCAG AA × Fail

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 43.6910, 0.2953, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

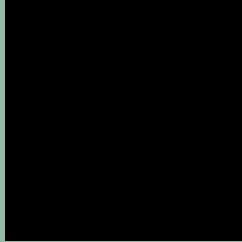
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6910, 0.2953, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 43.6910, 0.2953, 0.3549.



This preview shows how white text looks on a background with the Yxy color 43.6910, 0.2953, 0.3549.

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

43.6910, 0.2953, 0.3549

Protanopia

43.3359, 0.3308, 0.3465

Deuteranopia

43.2538, 0.3358, 0.3291



Tritanopia

43.6633, 0.2789, 0.3097

Trichromacy



Original Color

43.6910, 0.2953, 0.3549

Protanomaly

43.4666, 0.3170, 0.3497

Deuteranomaly

42.9895, 0.3203, 0.3371

Tritanomaly

43.4427, 0.2845, 0.3247

Monochromacy



Original Color

43.6910, 0.2953, 0.3549

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.1331, 0.3062, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6910, 0.2953, 0.3549 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(147, 185, 167)` looks like.

```
.text, #text, p{  
    color:rgb(147, 185, 167)  
}
```

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(147, 185, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 185, 167) }
```

Border

The CSS property to change the border of an element to Yxy 43.6910, 0.2953, 0.3549 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(147, 185, 167) }
```

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

```
.border{ border-color:rgb(147, 185, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 185, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 185, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 185, 167); box-shadow:4px 4px 4px 4px rgb(147, 185, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6910, 0.2953, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 185, 167) }
```

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

```
.background{ background-color: rgb(147,  
185, 167) }
```

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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