

Converting Colors

$Yxy(43.0281, 0.2981, 0.3747)$

Have a look what the booklet for
Yxy(43.0281, 0.2981, 0.3747)
contains.

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Color

Yxy(43.0598, 0.2985, 0.3749)

Conversions

Conversions Part 1

Format	Color
Hex	8CBA9B
RGB	140, 186, 155
RGB Percent	55%, 73%, 61%
CMY	0.4511, 0.2705, 0.3922
CMYK	0.25, 0.00, 0.17, 0.27
HSL	140°, 25%, 64%
HSV	140°, 25%, 73%
XYZ	34.2847, 43.0598, 37.5122
YIQ	168.7120, -17.4650, -19.3930

Conversions

Conversions Part 2

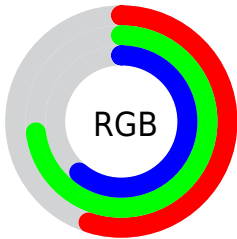
Format	Color
RYB	140, 175, 186
Decimal	9222811
CIELab	71.60, -21.64, 10.82
CIELCh	72, 24.197, 153.437
Yxy	43.0598, 0.2985, 0.3749
Android (android.graphics.Color)	4287412891 (0xFF8CBA9B)
YUV	168.7120, -6.7600, -25.1804
Hunter-Lab	65.6200, -21.5733, 12.0403

Details

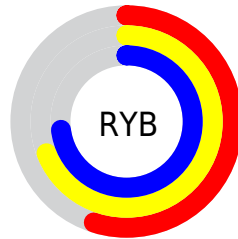
The Yxy color **43.0598, 0.2985, 0.3749** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.1241, 0.3305, 0.2872**, and the grayscale version is **39.5637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5770, 0.3014, 0.3662**, and **19.8984, 0.2939, 0.3898** is the 20% darker color. If you saturate the color by 10%, you get **41.1812, 0.2932, 0.3971**, and if you desaturate by 10%, it is **45.2588, 0.3041, 0.3548**.

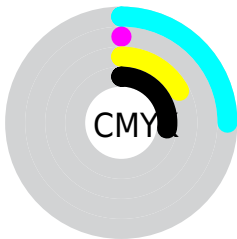
Distribution



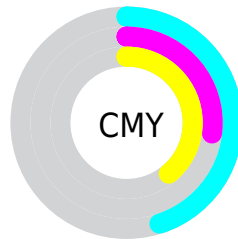
- Red (55%)
- Green (73%)
- Blue (61%)



- Red (55%)
- Yellow (69%)
- Blue (73%)



- Cyan (25%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)



- Cyan (45%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0598, 0.2985, 0.3749 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 43.0598, 0.2985, 0.3749 by changing the saturation by 10% instead.

43.0598, 0.2985,
0.3749

43.0598, 0.2985,
0.3749

358.8576, 0.3061,
0.3509

29.9320, 0.2965,
0.3812

79.8011, 0.3014,
0.3659

19.7870, 0.2937,
0.3896

104.1834, 0.3024,
0.3626

12.2403, 0.2900,
0.4011

133.0860, 0.3033,
0.3599

6.9076, 0.2843,
0.4179

166.8934, 0.3040,
0.3576

3.4044, 0.2750,
0.4449

205.9898, 0.3046,
0.3556

1.3463, 0.2582,
0.5025

250.7597, 0.3052,

0.1766, 0.0000,

0.3538

1.0000

301.5875, 0.3056,
0.3523

0.0000, 0.0000,
0.0000

43.0598, 0.2985,
0.3749

43.0598, 0.2985,
0.3749

41.1812, 0.2932,
0.3971

45.2588, 0.3041,
0.3548

39.6026, 0.2887,
0.4210

47.7868, 0.3099,
0.3368

38.3094, 0.2850,
0.4463

50.6588, 0.3157,
0.3209

37.2837, 0.2827,
0.4722

53.8872, 0.3214,
0.3069

36.5055, 0.2819,
0.4977

57.4839, 0.3269,
0.2947

■ 35.9519, 0.2829,
0.5217

■ 61.4602, 0.3321,
0.2840

■ 35.5951, 0.2854,
0.5431

■ 62.8357, 0.3251,
0.2726

■ 35.4574, 0.2870,
0.5531

■ 63.6034, 0.3159,
0.2614

Harmonies

Analogous

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



43.0598, 0.3332, 0.3904



43.0598, 0.2985, 0.3749



43.0598, 0.2688, 0.3448

Triad

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



43.0598, 0.2985, 0.3749



43.0598, 0.2626, 0.2732



43.0598, 0.3784, 0.3405

Complementary

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



43.0598, 0.2985, 0.3749



32.1241, 0.3305, 0.2872

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.



43.0598, 0.3575, 0.3123



43.0598, 0.2985, 0.3749



43.0598, 0.2897, 0.2746

Square

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



43.0598, 0.2985, 0.3749



43.0598, 0.2490, 0.2859



43.0598, 0.3244, 0.2887



43.0598, 0.3805, 0.3678

Rectangle

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



43.0598, 0.2985, 0.3749



43.0598, 0.2554, 0.3223



43.0598, 0.3244, 0.2887



43.0598, 0.3733, 0.3309

Sweetspot

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



43.0616, 0.2985, 0.3749



85.4677, 0.3086, 0.3409



45.7218, 0.3364, 0.3926



18.7587, 0.3082, 0.3419



95.5105, 0.3127, 0.3290



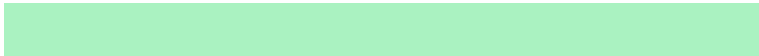
19.5994, 0.3127, 0.3290

Same Dimension

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



43.0616, 0.2985, 0.3749



76.0158, 0.2954, 0.3874



43.8923, 0.2825, 0.3410



10.1072, 0.3073, 0.3448



23.8633, 0.2863, 0.5507



0.8530, 0.2709, 0.4951

Inverse Universe

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



32.1241, 0.3305, 0.2872



52.6011, 0.3357, 0.2771



31.3356, 0.3545, 0.3174



9.1115, 0.3186, 0.3137



8.0381, 0.4231, 0.2104



0.2942, 0.3907, 0.1926

Previews

White Background



This preview shows how the Yxy color 43.0598, 0.2985, 0.3749 looks on a white background.

Color Contrast Check

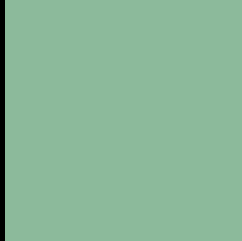
Large Text (above 18pt) WCAG AA × Fail

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 43.0598, 0.2985, 0.3749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

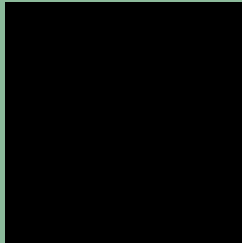
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0598, 0.2985, 0.3749

Background



This preview shows how black text looks on a background with the Yxy color 43.0598, 0.2985, 0.3749.



This preview shows how white text looks on a background with the Yxy color 43.0598, 0.2985, 0.3749.

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

43.0598, 0.2985, 0.3749

Protanopia

42.6324, 0.3432, 0.3628

Deuteranopia

42.8849, 0.3488, 0.3420



Tritanopia

42.7857, 0.2751, 0.3081

Trichromacy



Original Color

43.0598, 0.2985, 0.3749

Protanomaly

42.4000, 0.3259, 0.3670

Deuteranomaly

42.4757, 0.3287, 0.3523

Tritanomaly

42.6805, 0.2835, 0.3318

Monochromacy



Original Color

43.0598, 0.2985, 0.3749

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.6094, 0.3067, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0598, 0.2985, 0.3749 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(140, 186, 155)` looks like.

```
.text, #text, p{  
    color:rgb(140, 186, 155)  
}
```

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(140, 186, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 186, 155) }
```

Border

The CSS property to change the border of an element to Yxy 43.0598, 0.2985, 0.3749 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(140, 186, 155) }
```

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

```
.border{ border-color:rgb(140, 186, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 186, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 186, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 186, 155);  
box-shadow:4px 4px 4px 4px rgb(140, 186,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0598, 0.2985, 0.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 186, 155) }
```

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

```
.background{ background-color: rgb(140,  
186, 155) }
```

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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