

Converting Colors

$Yxy(43.0430, 0.2921, 0.3865)$

Have a look what the booklet for
Yxy(43.0430, 0.2921, 0.3865)
contains.

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Color

Yxy(43.2188, 0.2924, 0.3866)

Conversions

Conversions Part 1

Format	Color
Hex	80BD97
RGB	128, 189, 151
RGB Percent	50%, 74%, 59%
CMY	0.4979, 0.2588, 0.4079
CMYK	0.32, 0.00, 0.20, 0.26
HSL	143°, 32%, 62%
HSV	143°, 32%, 74%
XYZ	32.6880, 43.2188, 35.8852
YIQ	166.4290, -24.1580, -24.7500

Conversions

Conversions Part 2

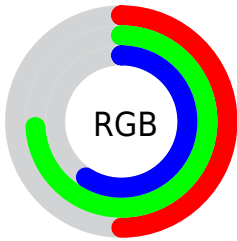
Format	Color
RYB	128, 172, 189
Decimal	8437143
CIELab	71.70, -27.72, 13.06
CIElCh	72, 30.644, 154.768
Yxy	43.2188, 0.2924, 0.3866
Android (android.graphics.Color)	4286627223 (0xFF80BD97)
YUV	166.4290, -7.6065, -33.7022
Hunter-Lab	65.7410, -26.2923, 13.6548

Details

The Yxy color **43.2188, 0.2924, 0.3866** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **29.0229, 0.3408, 0.2778**, and the grayscale version is **38.4018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2644, 0.2964, 0.3760**, and **19.7845, 0.2853, 0.4048** is the 20% darker color. If you saturate the color by 10%, you get **41.5244, 0.2871, 0.4083**, and if you desaturate by 10%, it is **45.2281, 0.2984, 0.3666**.

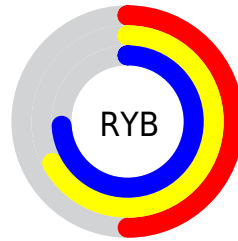
Distribution



Red (50%)

Green (74%)

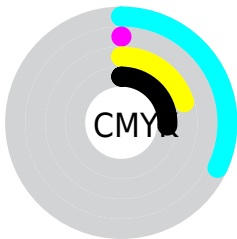
Blue (59%)



Red (50%)

Yellow (67%)

Blue (74%)

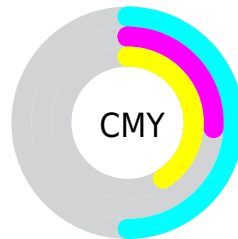


Cyan (32%)

Magenta (0%)

Yellow (20%)

Black (26%)



Cyan (50%)


Magenta (26%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2188, 0.2924, 0.3866 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 43.2188, 0.2924, 0.3866 by changing the saturation by 10% instead.


 43.2188, 0.2924,
0.3866


 43.2188, 0.2924,
0.3866


359.5108, 0.3032,
0.3563


 30.0568, 0.2895,
0.3947


 80.0409, 0.2965,
0.3752

 19.8817, 0.2856,
0.4053


 104.4699, 0.2980,
0.3711

 12.3091, 0.2801,
0.4201


 133.4233, 0.2992,
0.3676

 6.9546, 0.2719,
0.4418

167.2855, 0.3003,
0.3647

 3.4337, 0.2585,
0.4767

206.4410, 0.3012,
0.3621

 1.3621, 0.2298,
0.5642

251.2741, 0.3019,

 0.1886, 0.0000,

0.3599

1.0000

302.1692, 0.3026,
0.3580

■ 0.0000, 0.0000,
0.0000

■ 43.2188, 0.2924,
0.3866

■ 43.2188, 0.2924,
0.3866

■ 41.5244, 0.2871,
0.4083

■ 45.2281, 0.2984,
0.3666

■ 40.1231, 0.2828,
0.4315

■ 47.5621, 0.3047,
0.3485

■ 38.9991, 0.2797,
0.4555


■ 50.2364, 0.3112,
0.3324

■ 38.1324, 0.2783,
0.4797


■ 53.2646, 0.3177,
0.3181

■ 37.5003, 0.2787,
0.5030


■ 56.6589, 0.3241,
0.3055


 37.0761, 0.2808,
0.5247

 60.4314, 0.3303,
0.2945

 36.8511, 0.2833,
0.5399

 63.5667, 0.3319,
0.2843

 64.2651, 0.3229,
0.2732

 64.8749, 0.3157,
0.2644

Harmonies

Analogous

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



43.2188, 0.3359, 0.4073



43.2188, 0.2924, 0.3866



43.2188, 0.2561, 0.3469

Triad

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



43.2188, 0.2924, 0.3866



43.2188, 0.2512, 0.2590



43.2188, 0.3968, 0.3441

Complementary

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



43.2188, 0.2924, 0.3866



29.0229, 0.3408, 0.2778

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.



43.2188, 0.3710, 0.3092



43.2188, 0.2924, 0.3866



43.2188, 0.2852, 0.2620

Square

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



43.2188, 0.2924, 0.3866



43.2188, 0.2337, 0.2733



43.2188, 0.3291, 0.2800



43.2188, 0.3978, 0.3780

Rectangle

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



43.2188, 0.2924, 0.3866



43.2188, 0.2402, 0.3179



43.2188, 0.3291, 0.2800



43.2188, 0.3907, 0.3322

Sweetspot

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



43.2206, 0.2924, 0.3866



86.1363, 0.3061, 0.3450



46.1315, 0.3406, 0.4140



18.3852, 0.3052, 0.3474



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.



43.2206, 0.2924, 0.3866



75.1175, 0.2884, 0.4025



44.3180, 0.2724, 0.3407



10.7074, 0.3066, 0.3437



24.8086, 0.2826, 0.5375



0.9846, 0.2686, 0.4871

Inverse Universe

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



29.0229, 0.3408, 0.2778



45.5730, 0.3495, 0.2660



28.0496, 0.3759, 0.3179



9.6337, 0.3194, 0.3148



8.1729, 0.4426, 0.2212



0.3325, 0.4062, 0.2012

Previews

White Background



This preview shows how the Yxy color 43.2188, 0.2924, 0.3866 looks on a white background.

Color Contrast Check

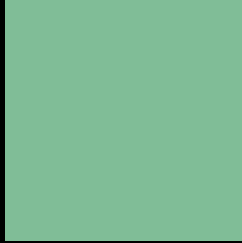
Large Text (above 18pt) WCAG AA × Fail

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 43.2188, 0.2924, 0.3866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

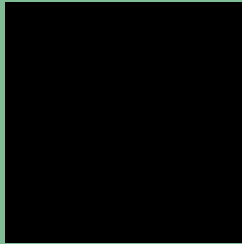
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2188, 0.2924, 0.3866

Background



This preview shows how black text looks on a background with the Yxy color 43.2188, 0.2924, 0.3866.



This preview shows how white text looks on a background with the Yxy color 43.2188, 0.2924, 0.3866.

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

43.2188, 0.2924, 0.3866

Protanopia

42.9878, 0.3483, 0.3709

Deuteranopia

42.8846, 0.3534, 0.3472



Tritanopia

43.3015, 0.2678, 0.3093

Trichromacy



Original Color

43.2188, 0.2924, 0.3866

Protanomaly

42.6416, 0.3253, 0.3759

Deuteranomaly

42.2680, 0.3283, 0.3596

Tritanomaly

43.0615, 0.2765, 0.3361

Monochromacy



Original Color

43.2188, 0.2924, 0.3866

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.5207, 0.3039, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2188, 0.2924, 0.3866 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(128, 189, 151)` looks like.

```
.text, #text, p{  
    color:rgb(128, 189, 151)  
}
```

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(128, 189, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 189, 151) }
```

Border

The CSS property to change the border of an element to Yxy 43.2188, 0.2924, 0.3866 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(128, 189, 151) }
```

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

```
.border{ border-color:rgb(128, 189, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 189, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 189, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 189, 151);  
box-shadow:4px 4px 4px 4px rgb(128, 189,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2188, 0.2924, 0.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 189, 151) }
```

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

```
.background{ background-color: rgb(128,  
189, 151) }
```

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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