

Converting Colors

$Y_{xy}(43.6958, 0.2997, 0.3519)$

Have a look what the booklet for
Yxy(43.6958, 0.2997, 0.3519)
contains.

Yxy(43.8433, 0.3000, 0.3531)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.8433, 0.3000, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	99B8A7
RGB	153, 184, 167
RGB Percent	60%, 72%, 65%
CMY	0.4001, 0.2784, 0.3450
CMYK	0.17, 0.00, 0.09, 0.28
HSL	147°, 18%, 66%
HSV	147°, 17%, 72%
XYZ	37.2500, 43.8433, 43.0735
YIQ	172.7930, -13.0190, -11.8590

Conversions

Conversions Part 2

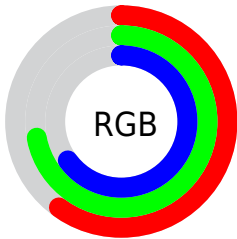
Format	Color
RYB	153, 174, 184
Decimal	10074279
CIELab	72.12, -13.94, 5.12
CIELCh	72, 14.850, 159.836
Yxy	43.8433, 0.3000, 0.3531
Android (android.graphics.Color)	4288264359 (0xFF99B8A7)
YUV	172.7930, -2.8559, -17.3585
Hunter-Lab	66.2143, -15.4566, 7.7809

Details

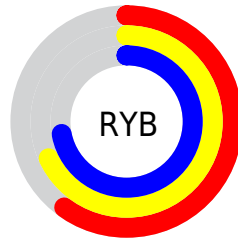
The Yxy color **43.8433, 0.3000, 0.3531** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.8637, 0.3278, 0.3061**, and the grayscale version is **41.6970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0040, 0.3027, 0.3486**, and **20.2952, 0.2968, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **41.8330, 0.2928, 0.3696**, and if you desaturate by 10%, it is **46.1623, 0.3075, 0.3383**.

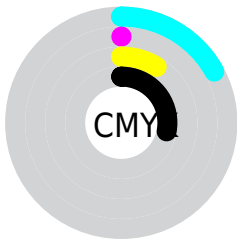
Distribution



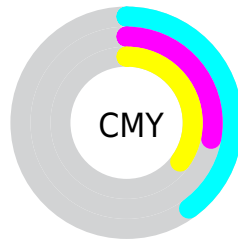
- Red (60%)
- Green (72%)
- Blue (65%)



- Red (60%)
- Yellow (68%)
- Blue (72%)



- Cyan (17%)
- Magenta (0%)
- Yellow (9%)
- Black (28%)




- Cyan (40%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8433, 0.3000, 0.3531 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 43.8433, 0.3000, 0.3531 by changing the saturation by 10% instead.


 43.8433, 0.3000,
0.3531


 43.8433, 0.3000,
0.3531


362.0684, 0.3065,
0.3407

 30.5473, 0.2983,
0.3563


 80.9819, 0.3024,
0.3485

 20.2544, 0.2961,
0.3605

 105.5933, 0.3033,
0.3468

 12.5801, 0.2931,
0.3662


134.7453, 0.3041,
0.3454

 7.1401, 0.2888,
0.3744

168.8224, 0.3047,
0.3442

 3.5498, 0.2821,
0.3873

208.2088, 0.3052,
0.3431

 1.4251, 0.2702,
0.4102

253.2890, 0.3057,

 0.2351, 0.0000,

0.3422

1.0000

304.4475, 0.3062,
0.3414

0.0000, 0.0000,
0.0000

43.8433, 0.3000,
0.3531

43.8433, 0.3000,
0.3531

41.8330, 0.2928,
0.3696

46.1623, 0.3075,
0.3383

40.1127, 0.2863,
0.3876

48.7970, 0.3151,
0.3250

38.6699, 0.2806,
0.4071

51.7609, 0.3227,
0.3133

37.4892, 0.2762,
0.4276

55.0651, 0.3301,
0.3030

36.5533, 0.2733,
0.4489

58.7203, 0.3372,
0.2940

■ 35.8431, 0.2723,
0.4702

■ 61.1137, 0.3373,
0.2851

■ 35.3363, 0.2731,
0.4908

■ 61.6872, 0.3293,
0.2755

■ 35.0022, 0.2758,
0.5103

■ 62.2937, 0.3215,
0.2662

■ 34.9150, 0.2767,
0.5162

■ 62.7647, 0.3160,
0.2595

Harmonies

Analogous

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



43.8433, 0.3212, 0.3646



43.8433, 0.3000, 0.3531



43.8433, 0.2826, 0.3345

Triad

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



43.8433, 0.3000, 0.3531



43.8433, 0.2848, 0.2937



43.8433, 0.3538, 0.3407

Complementary

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



43.8433, 0.3000, 0.3531



35.8637, 0.3278, 0.3061

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.



43.8433, 0.3434, 0.3226



43.8433, 0.3000, 0.3531



43.8433, 0.3032, 0.2962

Square

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



43.8433, 0.3000, 0.3531



43.8433, 0.2741, 0.3004



43.8433, 0.3247, 0.3066



43.8433, 0.3527, 0.3565

Rectangle

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



43.8433, 0.3000, 0.3531



43.8433, 0.2753, 0.3213



43.8433, 0.3247, 0.3066



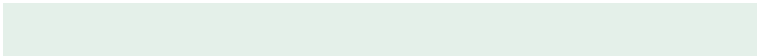
43.8433, 0.3516, 0.3347

Sweetspot

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



43.8451, 0.3000, 0.3531



84.4826, 0.3088, 0.3358



45.1342, 0.3253, 0.3719



18.1440, 0.3083, 0.3367



93.3107, 0.3127, 0.3290



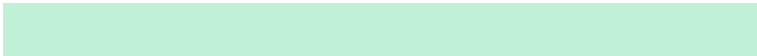
18.7317, 0.3127, 0.3290

Same Dimension

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



43.8451, 0.3000, 0.3531



78.1474, 0.2975, 0.3586



44.4503, 0.2887, 0.3311



10.1260, 0.3056, 0.3418



24.0744, 0.2761, 0.5139



0.8612, 0.2620, 0.4630

Inverse Universe

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



35.8637, 0.3278, 0.3061



61.1276, 0.3315, 0.3012



35.3140, 0.3429, 0.3270



9.0922, 0.3205, 0.3166



7.6801, 0.4736, 0.2383



0.2831, 0.4241, 0.2110

Previews

White Background



This preview shows how the Yxy color 43.8433, 0.3000, 0.3531 looks on a white background.

Color Contrast Check

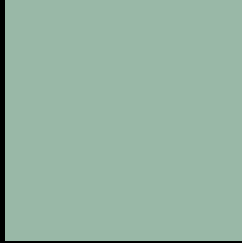
Large Text (above 18pt) WCAG AA × Fail

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 43.8433, 0.3000, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

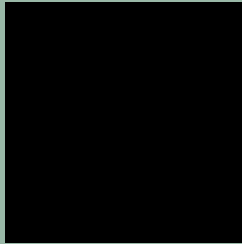
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

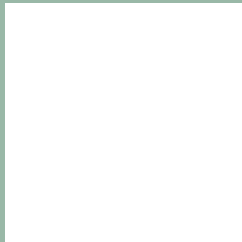
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8433, 0.3000, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 43.8433, 0.3000, 0.3531.



This preview shows how white text looks on a background with the Yxy color 43.8433, 0.3000, 0.3531.

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

43.8433, 0.3000, 0.3531

Protanopia

43.7623, 0.3298, 0.3464

Deuteranopia

43.7639, 0.3365, 0.3304



Tritanopia

43.8067, 0.2841, 0.3099

Trichromacy



Original Color

43.8433, 0.3000, 0.3531

Protanomaly

43.6912, 0.3187, 0.3496

Deuteranomaly

43.6185, 0.3220, 0.3384

Tritanomaly

43.5764, 0.2898, 0.3248

Monochromacy



Original Color

43.8433, 0.3000, 0.3531

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.4915, 0.3080, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8433, 0.3000, 0.3531 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(153, 184, 167)` looks like.

```
.text, #text, p{  
    color:rgb(153, 184, 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(153, 184, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 184, 167) }
```

Border

The CSS property to change the border of an element to Yxy 43.8433, 0.3000, 0.3531 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(153, 184, 167) }
```

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

```
.border{ border-color:rgb(153, 184, 167) }
```

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

Here you see how a box with a 4 pixel rgb(153, 184, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 184, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 184, 167);  
box-shadow:4px 4px 4px 4px rgb(153, 184,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8433, 0.3000, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 184, 167) }
```

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

```
.background{ background-color: rgb(153,  
184, 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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