

Converting Colors

$Yxy(43.0227, 0.3019, 0.3572)$

Have a look what the booklet for
Yxy(43.0227, 0.3019, 0.3572)
contains.

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Color

Yxy(43.1867, 0.3022, 0.3577)

Conversions

Conversions Part 1

Format	Color
Hex	98B7A3
RGB	152, 183, 163
RGB Percent	60%, 72%, 64%
CMY	0.4041, 0.2823, 0.3608
CMYK	0.17, 0.00, 0.11, 0.28
HSL	141°, 18%, 66%
HSV	141°, 17%, 72%
XYZ	36.4859, 43.1867, 41.0618
YIQ	171.4510, -12.0560, -12.7920

Conversions

Conversions Part 2

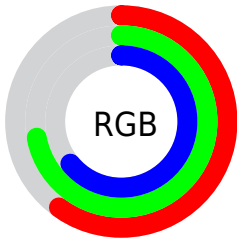
Format	Color
RYB	152, 175, 183
Decimal	10008483
CIELab	71.68, -14.55, 6.68
CIElCh	72, 16.013, 155.348
Yxy	43.1867, 0.3022, 0.3577
Android (android.graphics.Color)	4288198563 (0xFF98B7A3)
YUV	171.4510, -4.1663, -17.0585
Hunter-Lab	65.7166, -15.9006, 8.9554

Details

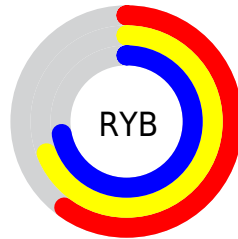
The Yxy color **43.1867, 0.3022, 0.3577** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.4869, 0.3250, 0.3019**, and the grayscale version is **40.9857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0604, 0.3045, 0.3520**, and **19.8797, 0.2997, 0.3673** is the 20% darker color. If you saturate the color by 10%, you get **41.1542, 0.2963, 0.3773**, and if you desaturate by 10%, it is **45.5347, 0.3084, 0.3401**.

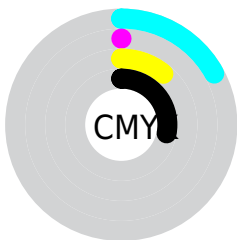
Distribution



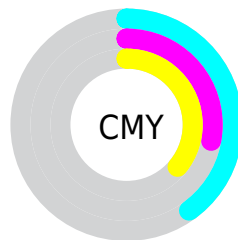
- Red (60%)
- Green (72%)
- Blue (64%)



- Red (60%)
- Yellow (69%)
- Blue (72%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (28%)



- Cyan (40%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1867, 0.3022, 0.3577 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 43.1867, 0.3022, 0.3577 by changing the saturation by 10% instead.


 43.1867, 0.3022,
0.3577


 43.1867, 0.3022,
0.3577


359.3790, 0.3077,
0.3429

 30.0316, 0.3008,
0.3616


 79.9925, 0.3042,
0.3522

 19.8626, 0.2989,
0.3666

 104.4121, 0.3050,
0.3502

 12.2952, 0.2963,
0.3736


133.3552, 0.3056,
0.3485

 6.9451, 0.2925,
0.3836

167.2064, 0.3062,
0.3470

 3.4278, 0.2865,
0.3994

206.3499, 0.3066,
0.3458

 1.3589, 0.2754,
0.4281

251.1703, 0.3070,

 0.1862, 0.0000,

0.3447

1.0000

302.0519, 0.3074,
0.3437

0.0000, 0.0000,
0.0000

43.1867, 0.3022,
0.3577

43.1867, 0.3022,
0.3577

41.1542, 0.2963,
0.3773

45.5347, 0.3084,
0.3401

39.4182, 0.2908,
0.3988

48.2055, 0.3146,
0.3245

37.9660, 0.2861,
0.4220

51.2128, 0.3207,
0.3107

36.7819, 0.2825,
0.4463

54.5680, 0.3267,
0.2986

35.8483, 0.2803,
0.4712

58.2819, 0.3324,
0.2881

■ 35.1458, 0.2798,
0.4957

■ 61.0601, 0.3323,
0.2780

■ 34.6517, 0.2810,
0.5187

■ 61.7598, 0.3231,
0.2670

■ 34.3348, 0.2839,
0.5394

■ 62.3536, 0.3160,
0.2585

■ 34.2563, 0.2848,
0.5452

Harmonies

Analogous

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



43.1867, 0.3253, 0.3687



43.1867, 0.3022, 0.3577



43.1867, 0.2825, 0.3382

Triad

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



43.1867, 0.3022, 0.3577



43.1867, 0.2802, 0.2913



43.1867, 0.3564, 0.3386

Complementary

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



43.1867, 0.3022, 0.3577



35.4869, 0.3250, 0.3019

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.



43.1867, 0.3434, 0.3192



43.1867, 0.3022, 0.3577



43.1867, 0.2990, 0.2925

Square

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



43.1867, 0.3022, 0.3577



43.1867, 0.2701, 0.2998



43.1867, 0.3222, 0.3026



43.1867, 0.3571, 0.3565

Rectangle

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



43.1867, 0.3022, 0.3577



43.1867, 0.2737, 0.3237



43.1867, 0.3222, 0.3026



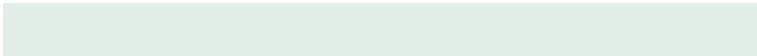
43.1867, 0.3533, 0.3321

Sweetspot

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



43.1885, 0.3022, 0.3577



82.3955, 0.3096, 0.3370



44.9259, 0.3281, 0.3718



18.1278, 0.3091, 0.3381



93.3107, 0.3127, 0.3290



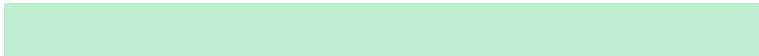
18.7317, 0.3127, 0.3290

Same Dimension

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



43.1885, 0.3022, 0.3577



76.0513, 0.3002, 0.3641



43.7729, 0.2908, 0.3355



10.1115, 0.3069, 0.3441



23.9051, 0.2842, 0.5430



0.8547, 0.2688, 0.4877

Inverse Universe

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



35.4869, 0.3250, 0.3019



59.9184, 0.3278, 0.2964



34.9306, 0.3400, 0.3226



9.1070, 0.3190, 0.3144



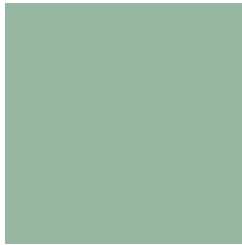
7.9477, 0.4343, 0.2166



0.2915, 0.3981, 0.1967

Previews

White Background



This preview shows how the Yxy color 43.1867, 0.3022, 0.3577 looks on a white background.

Color Contrast Check

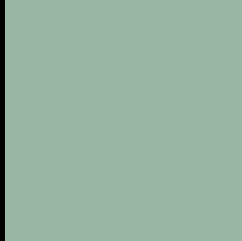
Large Text (above 18pt) WCAG AA × Fail

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 43.1867, 0.3022, 0.3577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

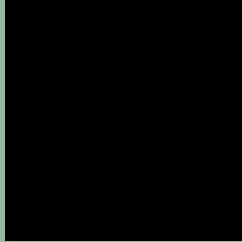
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1867, 0.3022, 0.3577

Background



This preview shows how black text looks on a background with the Yxy color 43.1867, 0.3022, 0.3577.



This preview shows how white text looks on a background with the Yxy color 43.1867, 0.3022, 0.3577.

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

43.1867, 0.3022, 0.3577

Protanopia

43.1082, 0.3325, 0.3506

Deuteranopia

42.8649, 0.3405, 0.3330



Tritanopia

43.2586, 0.2840, 0.3098

Trichromacy



Original Color

43.1867, 0.3022, 0.3577

Protanomaly

43.0368, 0.3212, 0.3539

Deuteranomaly

42.6920, 0.3257, 0.3412

Tritanomaly

42.9885, 0.2904, 0.3261

Monochromacy



Original Color

43.1867, 0.3022, 0.3577

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.3796, 0.3087, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1867, 0.3022, 0.3577 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(152, 183, 163)` looks like.

```
.text, #text, p{  
    color:rgb(152, 183, 163)  
}
```

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(152, 183, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 183, 163) }
```

Border

The CSS property to change the border of an element to Yxy 43.1867, 0.3022, 0.3577 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(152, 183, 163) }
```

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

```
.border{ border-color:rgb(152, 183, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 183, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 183, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 183, 163); box-shadow:4px 4px 4px 4px rgb(152, 183, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1867, 0.3022, 0.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 183, 163) }
```

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

```
.background{ background-color: rgb(152,  
183, 163) }
```

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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