

Converting Colors

$Y_{xy}(43.4512, 0.2903, 0.3404)$

Have a look what the booklet for
Yxy(43.4512, 0.2903, 0.3404)
contains.

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Color

Yxy(43.2580, 0.2902, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	94B7AF
RGB	148, 183, 175
RGB Percent	58%, 72%, 69%
CMY	0.4195, 0.2824, 0.3137
CMYK	0.19, 0.00, 0.04, 0.28
HSL	166°, 20%, 65%
HSV	166°, 19%, 72%
XYZ	36.8894, 43.2580, 46.9698
YIQ	171.6230, -18.2920, -9.9080

Conversions

Conversions Part 2

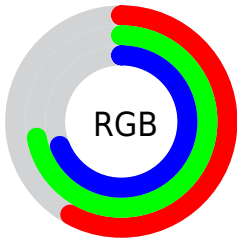
Format	Color
RYB	148, 168, 183
Decimal	9746351
CIELab	71.73, -13.43, 0.14
CIELCh	72, 13.428, 179.402
Yxy	43.2580, 0.2902, 0.3403
Android (android.graphics.Color)	4287936431 (0xFF94B7AF)
YUV	171.6230, 1.6649, -20.7174
Hunter-Lab	65.7708, -14.9821, 3.6980

Details

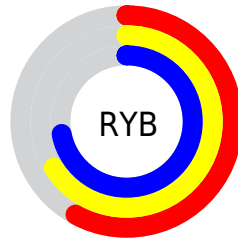
The Yxy color **43.2580, 0.2902, 0.3403** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.6578, 0.3413, 0.3180**, and the grayscale version is **41.0570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0027, 0.2943, 0.3388**, and **19.9367, 0.2836, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **41.5239, 0.2794, 0.3470**, and if you desaturate by 10%, it is **45.2705, 0.3018, 0.3341**.

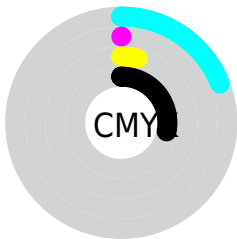
Distribution



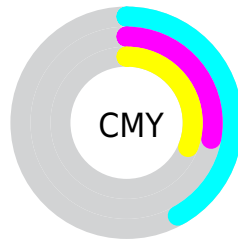
- Red (58%)
- Green (72%)
- Blue (69%)



- Red (58%)
- Yellow (66%)
- Blue (72%)



- Cyan (19%)
- Magenta (0%)
- Yellow (4%)
- Black (28%)





- Cyan (42%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2580, 0.2902, 0.3403 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 43.2580, 0.2902, 0.3403 by changing the saturation by 10% instead.


 43.2580, 0.2902,
0.3403


 43.2580, 0.2902,
0.3403


359.6717, 0.3016,
0.3346

 30.0876, 0.2873,
0.3417


 80.1000, 0.2944,
0.3382

 19.9051, 0.2836,
0.3436


 104.5405, 0.2959,
0.3374

 12.3261, 0.2786,
0.3461


133.5064, 0.2972,
0.3368

 6.9662, 0.2715,
0.3497

167.3821, 0.2984,
0.3362

 3.4409, 0.2607,
0.3551

206.5522, 0.2993,
0.3357

 1.3660, 0.2423,
0.3644

251.4008, 0.3002,

 0.1915, 0.0000,

0.3353

0.4908

302.3126, 0.3009,
0.3349

0.0000, 0.0000,
0.0000

43.2580, 0.2902,
0.3403

43.2580, 0.2902,
0.3403

41.5239, 0.2794,
0.3470

45.2705, 0.3018,
0.3341

40.0503, 0.2697,
0.3543

47.5680, 0.3138,
0.3285

38.8251, 0.2612,
0.3619

50.1633, 0.3261,
0.3235

37.8335, 0.2544,
0.3699

53.0671, 0.3385,
0.3190

37.0587, 0.2494,
0.3782

56.2893, 0.3507,
0.3150

■ 36.4821, 0.2463,
0.3866

■ 59.2988, 0.3603,
0.3114

■ 36.0814, 0.2451,
0.3949

■ 59.4969, 0.3567,
0.3071

■ 35.8166, 0.2455,
0.4033

■ 59.7004, 0.3531,
0.3029

■ 35.7948, 0.2456,
0.4040

■ 59.9093, 0.3496,
0.2987

Harmonies

Analogous

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



43.2580, 0.3078, 0.3554



43.2580, 0.2902, 0.3403



43.2580, 0.2788, 0.3223

Triad

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



43.2580, 0.2902, 0.3403



43.2580, 0.2977, 0.2974



43.2580, 0.3506, 0.3496

Complementary

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



43.2580, 0.2902, 0.3403



33.6578, 0.3413, 0.3180

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.



43.2580, 0.3478, 0.3340



43.2580, 0.2902, 0.3403



43.2580, 0.3168, 0.3046

Square

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



43.2580, 0.2902, 0.3403



43.2580, 0.2830, 0.2981



43.2580, 0.3353, 0.3177



43.2580, 0.3428, 0.3603

Rectangle

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



43.2580, 0.2902, 0.3403



43.2580, 0.2760, 0.3115



43.2580, 0.3353, 0.3177



43.2580, 0.3509, 0.3447

Sweetspot

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



43.2598, 0.2902, 0.3403



82.2656, 0.3053, 0.3324



43.0912, 0.3172, 0.3794



18.1128, 0.3046, 0.3328



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.



43.2598, 0.2902, 0.3403



76.0941, 0.2855, 0.3431



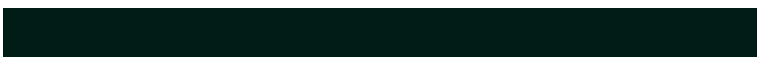
39.8633, 0.2837, 0.3156



10.1746, 0.3015, 0.3343



24.9833, 0.2453, 0.4030



0.8895, 0.2393, 0.3816

Inverse Universe

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



33.6578, 0.3413, 0.3180



55.6775, 0.3494, 0.3154



36.4407, 0.3472, 0.3420



9.0449, 0.3253, 0.3238



7.1475, 0.5966, 0.3060



0.2616, 0.5236, 0.2658

Previews

White Background



This preview shows how the Yxy color 43.2580, 0.2902, 0.3403 looks on a white background.

Color Contrast Check

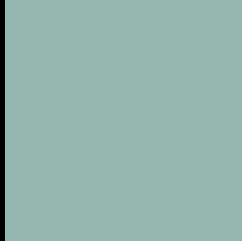
Large Text (above 18pt) WCAG AA × Fail

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 43.2580, 0.2902, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

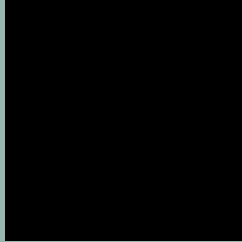
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

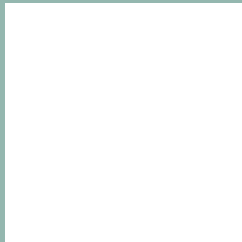
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2580, 0.2902, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 43.2580, 0.2902, 0.3403.



This preview shows how white text looks on a background with the Yxy color 43.2580, 0.2902, 0.3403.

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

43.2580, 0.2902, 0.3403

Protanopia

43.2655, 0.3213, 0.3357

Deuteranopia

43.0402, 0.3250, 0.3187



Tritanopia

43.2130, 0.2795, 0.3097

Trichromacy



Original Color

43.2580, 0.2902, 0.3403

Protanomaly

43.1442, 0.3089, 0.3372

Deuteranomaly

42.9482, 0.3111, 0.3263

Tritanomaly

43.2149, 0.2838, 0.3206

Monochromacy



Original Color

43.2580, 0.2902, 0.3403

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.8543, 0.3039, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2580, 0.2902, 0.3403 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(148, 183, 175)` looks like.

```
.text, #text, p{  
    color:rgb(148, 183, 175)  
}
```

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(148, 183, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 183, 175) }
```

Border

The CSS property to change the border of an element to Yxy 43.2580, 0.2902, 0.3403 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(148, 183, 175) }
```

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

```
.border{ border-color:rgb(148, 183, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 183, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 183, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 183, 175);  
box-shadow:4px 4px 4px 4px rgb(148, 183,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2580, 0.2902, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 183, 175) }
```

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

```
.background{ background-color: rgb(148,  
183, 175) }
```

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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