

Converting Colors

$Y_{xy}(42.9060, 0.3020, 0.3138)$

Have a look what the booklet for
Yxy(42.9060, 0.3020, 0.3138)
contains.

Yxy(43.0894, 0.3022, 0.3143)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.0894, 0.3022, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	ADAFBA
RGB	173, 175, 186
RGB Percent	68%, 69%, 73%
CMY	0.3214, 0.3137, 0.2707
CMYK	0.07, 0.06, 0.00, 0.27
HSL	231°, 9%, 70%
HSV	231°, 7%, 73%
XYZ	41.4305, 43.0894, 52.5765
YIQ	175.6560, -4.7230, 2.9970

Conversions

Conversions Part 2

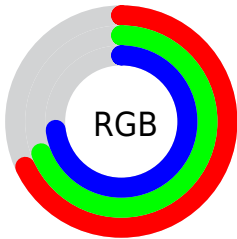
Format	Color
RYB	173, 175, 186
Decimal	11382714
CIELab	71.62, 1.46, -5.84
CIELCh	72, 6.023, 283.983
Yxy	43.0894, 0.3022, 0.3143
Android (android.graphics.Color)	4289572794 (0xFFADAFBA)
YUV	175.6560, 5.0996, -2.3293
Hunter-Lab	65.6425, -2.2134, -1.5387

Details

The Yxy color **43.0894, 0.3022, 0.3143** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.7450, 0.3231, 0.3433**, and the grayscale version is **43.2054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4984, 0.3039, 0.3165**, and **19.9243, 0.2993, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **35.3273, 0.2857, 0.2908**, and if you desaturate by 10%, it is **51.8684, 0.3171, 0.3350**.

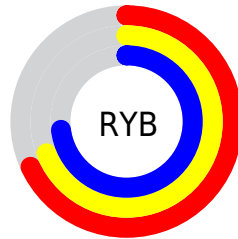
Distribution



Red (68%)

Green (69%)

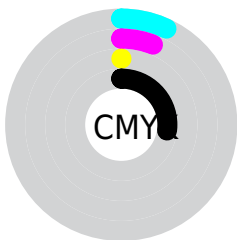
Blue (73%)



Red (68%)

Yellow (69%)

Blue (73%)

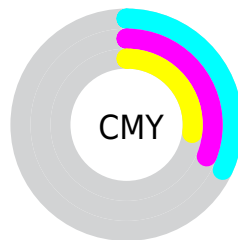


Cyan (7%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (32%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0894, 0.3022, 0.3143 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 43.0894, 0.3022, 0.3143 by changing the saturation by 10% instead.

■ 43.0894, 0.3022,
0.3143

■ 43.0894, 0.3022,
0.3143

358.9793, 0.3075,
0.3217

■ 29.9553, 0.3008,
0.3124

■ 79.8458, 0.3042,
0.3170

■ 19.8046, 0.2991,
0.3100

104.2368, 0.3049,
0.3180

■ 12.2531, 0.2967,
0.3068

133.1488, 0.3055,
0.3189

■ 6.9163, 0.2934,
0.3022

166.9664, 0.3060,
0.3196

■ 3.4098, 0.2883,
0.2953

206.0738, 0.3065,
0.3202

■ 1.3492, 0.2795,
0.2835

250.8555, 0.3069,

■ 0.1789, 0.2081,

0.3208

0.1811

301.6959, 0.3072,
0.3213

■ 0.0000, 0.0000,
0.0000

■ 43.0894, 0.3022,
0.3143

■ 43.0894, 0.3022,
0.3143

■ 35.3273, 0.2857,
0.2908

■ 51.8684, 0.3171,
0.3350

■ 28.5398, 0.2677,
0.2646

■ 61.6935, 0.3303,
0.3531

■ 22.6899, 0.2486,
0.2360

■ 72.6000, 0.3421,
0.3688

■ 17.7358, 0.2288,
0.2055

■ 84.6193, 0.3524,
0.3824

■ 13.6328, 0.2092,
0.1743

■ 95.6302, 0.3540,
0.3959

■ 10.3322, 0.1910,
0.1440

■ 96.3244, 0.3538,
0.3969

■ 7.7802, 0.1753,
0.1164

■ 5.9162, 0.1632,
0.0935

■ 4.6660, 0.1554,
0.0765

Harmonies

Analogous

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



43.0894, 0.2971, 0.3168



43.0894, 0.3022, 0.3143



43.0894, 0.3101, 0.3157

Triad

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



43.0894, 0.3022, 0.3143



43.0894, 0.3296, 0.3351



43.0894, 0.3065, 0.3378

Complementary

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



43.0894, 0.3022, 0.3143



47.7450, 0.3231, 0.3433

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.



43.0894, 0.3151, 0.3428



43.0894, 0.3022, 0.3143



43.0894, 0.3285, 0.3411

Square

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



43.0894, 0.3022, 0.3143



43.0894, 0.3260, 0.3276



43.0894, 0.3232, 0.3440



43.0894, 0.2996, 0.3303

Rectangle

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



43.0894, 0.3022, 0.3143



43.0894, 0.3160, 0.3186



43.0894, 0.3232, 0.3440



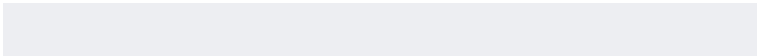
43.0894, 0.3093, 0.3398

Sweetspot

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



43.0912, 0.3022, 0.3143



85.7299, 0.3097, 0.3248



47.4514, 0.3037, 0.3318



18.9154, 0.3099, 0.3251



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.



43.0912, 0.3022, 0.3143



76.3793, 0.3004, 0.3117



42.8340, 0.3059, 0.3119



8.9331, 0.2984, 0.3090



3.0199, 0.1539, 0.0740



0.1763, 0.1648, 0.1134

Inverse Universe

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



43.4329, 0.3227, 0.3265



77.1077, 0.3245, 0.3260



48.0327, 0.3192, 0.3460



9.0338, 0.3265, 0.3256



7.0872, 0.6167, 0.3171



0.2569, 0.5561, 0.2837

Previews

White Background



This preview shows how the Yxy color 43.0894, 0.3022, 0.3143 looks on a white background.

Color Contrast Check

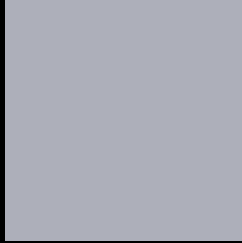
Large Text (above 18pt) WCAG AA × Fail

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 43.0894, 0.3022, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

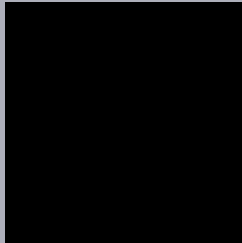
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

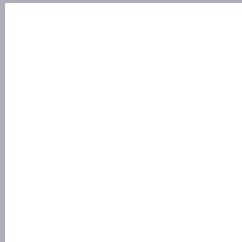
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0894, 0.3022, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 43.0894, 0.3022, 0.3143.

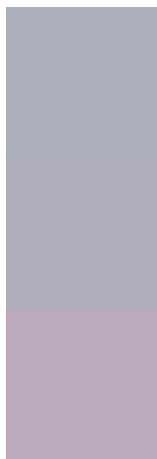


This preview shows how white text looks on a background with the Yxy color 43.0894, 0.3022, 0.3143.

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

43.0894, 0.3022, 0.3143

Protanopia

42.9312, 0.3039, 0.3130

Deuteranopia

42.9021, 0.3137, 0.3070



Tritanopia

43.1750, 0.3006, 0.3117

Trichromacy



Original Color

43.0894, 0.3022, 0.3143

Protanomaly

42.8159, 0.3030, 0.3130

Deuteranomaly

43.0380, 0.3092, 0.3094

Tritanomaly

43.1320, 0.3014, 0.3130

Monochromacy



Original Color

43.0894, 0.3022, 0.3143

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4599, 0.3086, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0894, 0.3022, 0.3143 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(173, 175, 186)` looks like.

```
.text, #text, p{  
    color:rgb(173, 175, 186)  
}
```

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(173, 175, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 175, 186) }
```

Border

The CSS property to change the border of an element to Yxy 43.0894, 0.3022, 0.3143 is called "border". The border property can be set on classes, ids or directly on the HTML element.

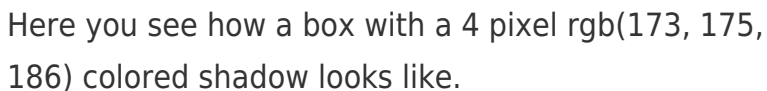
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 175, 186) }
```

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

```
.border{ border-color:rgb(173, 175, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 175, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 175, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 175, 186);  
box-shadow:4px 4px 4px 4px rgb(173, 175,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0894, 0.3022, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 175, 186) }
```

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

```
.background{ background-color: rgb(173,  
175, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor