

Converting Colors

$Y_{xy}(43.5138, 0.2989, 0.3373)$

Have a look what the booklet for
Yxy(43.5138, 0.2989, 0.3373)
contains.

Yxy(43.5138, 0.2989, 0.3373)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.5138, 0.2989, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	9FB5AF
RGB	159, 181, 175
RGB Percent	62%, 71%, 69%
CMY	0.3765, 0.2902, 0.3137
CMYK	0.12, 0.00, 0.03, 0.29
HSL	164°, 13%, 67%
HSV	164°, 12%, 71%
XYZ	38.5600, 43.5138, 46.9325
YIQ	173.7380, -11.1860, -6.5300

Conversions

Conversions Part 2

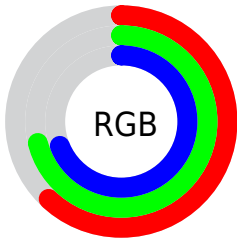
Format	Color
RYB	159, 172, 181
Decimal	10466735
CIELab	71.90, -8.75, 0.48
CIElCh	72, 8.759, 176.873
Yxy	43.5138, 0.2989, 0.3373
Android (android.graphics.Color)	4288656815 (0xFF9FB5AF)
YUV	173.7380, 0.6222, -12.9252
Hunter-Lab	65.9650, -11.0962, 3.9921

Details

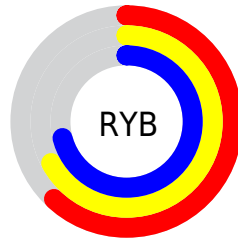
The Yxy color **43.5138, 0.2989, 0.3373** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.3344, 0.3287, 0.3209**, and the grayscale version is **42.1878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5777, 0.3019, 0.3365**, and **19.9942, 0.2940, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **41.6087, 0.2881, 0.3449**, and if you desaturate by 10%, it is **45.7006, 0.3102, 0.3304**.

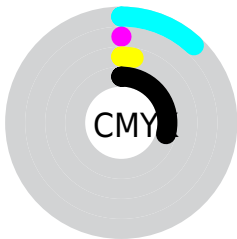
Distribution



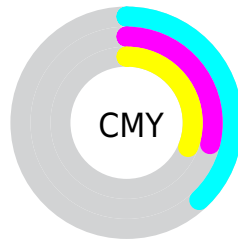
- Red (62%)
- Green (71%)
- Blue (69%)



- Red (62%)
- Yellow (67%)
- Blue (71%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)





- Cyan (38%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5138, 0.2989, 0.3373 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 43.5138, 0.2989, 0.3373 by changing the saturation by 10% instead.

 43.5138, 0.2989,
0.3373


 43.5138, 0.2989,
0.3373


360.7205, 0.3059,
0.3331

 30.2885, 0.2971,
0.3384


 80.4856, 0.3015,
0.3358

 20.0576, 0.2948,
0.3398


 105.0009, 0.3024,
0.3352

 12.4369, 0.2917,
0.3416


134.0483, 0.3032,
0.3347

 7.0420, 0.2874,
0.3443

168.0122, 0.3039,
0.3343

 3.4884, 0.2807,
0.3483

207.2769, 0.3045,
0.3339

 1.3917, 0.2693,
0.3553

252.2270, 0.3050,

 0.2106, 0.0000,

0.3336

0.5181

303.2467, 0.3055,
0.3333

0.0000, 0.0000,
0.0000

43.5138, 0.2989,
0.3373

43.5138, 0.2989,
0.3373

41.6087, 0.2881,
0.3449

45.7006, 0.3102,
0.3304

39.9680, 0.2781,
0.3532

48.1746, 0.3218,
0.3242

38.5809, 0.2691,
0.3620

50.9482, 0.3335,
0.3187

37.4336, 0.2616,
0.3714

54.0314, 0.3451,
0.3137

36.5111, 0.2556,
0.3812

57.4335, 0.3564,
0.3094

■ 35.7967, 0.2515,
0.3913

■ 58.6959, 0.3568,
0.3047

■ 35.2711, 0.2493,
0.4015

■ 58.9368, 0.3526,
0.2997

■ 34.9115, 0.2491,
0.4116

■ 59.1852, 0.3484,
0.2948

■ 34.7092, 0.2499,
0.4195

■ 59.4412, 0.3443,
0.2899

Harmonies

Analogous

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



43.5138, 0.3107, 0.3466



43.5138, 0.2989, 0.3373



43.5138, 0.2909, 0.3258

Triad

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



43.5138, 0.2989, 0.3373



43.5138, 0.3020, 0.3080



43.5138, 0.3374, 0.3419

Complementary

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



43.5138, 0.2989, 0.3373



37.3344, 0.3287, 0.3209

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.



43.5138, 0.3350, 0.3315



43.5138, 0.2989, 0.3373



43.5138, 0.3144, 0.3123

Square

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



43.5138, 0.2989, 0.3373



43.5138, 0.2927, 0.3091



43.5138, 0.3265, 0.3208



43.5138, 0.3330, 0.3490

Rectangle

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



43.5138, 0.2989, 0.3373



43.5138, 0.2887, 0.3186



43.5138, 0.3265, 0.3208



43.5138, 0.3374, 0.3386

Sweetspot

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



43.5156, 0.2989, 0.3373



81.0591, 0.3080, 0.3317



43.5765, 0.3166, 0.3598



17.4545, 0.3072, 0.3322



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



43.5156, 0.2989, 0.3373



76.8239, 0.2955, 0.3396



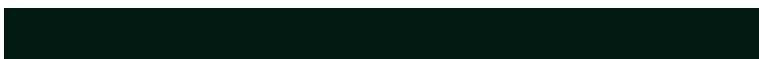
41.8497, 0.2943, 0.3223



9.5913, 0.3021, 0.3353



23.9387, 0.2495, 0.4182



0.7624, 0.2417, 0.3902

Inverse Universe

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



37.3344, 0.3287, 0.3209



63.2325, 0.3334, 0.3187



38.7934, 0.3335, 0.3356



8.5420, 0.3246, 0.3228



6.9367, 0.5824, 0.2982



0.2283, 0.5020, 0.2539

Previews

White Background



This preview shows how the Yxy color 43.5138, 0.2989, 0.3373 looks on a white background.

Color Contrast Check

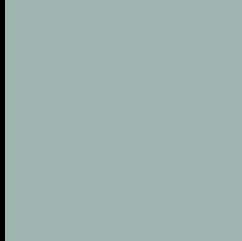
Large Text (above 18pt) WCAG AA × Fail

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 43.5138, 0.2989, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

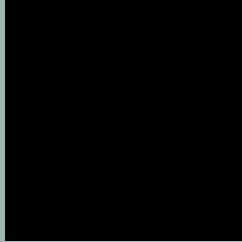
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

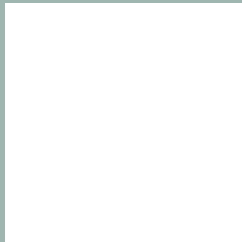
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5138, 0.2989, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 43.5138, 0.2989, 0.3373.



This preview shows how white text looks on a background with the Yxy color 43.5138, 0.2989, 0.3373.

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

43.5138, 0.2989, 0.3373

Protanopia

43.3418, 0.3196, 0.3330

Deuteranopia

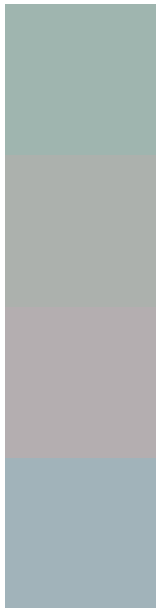
43.1302, 0.3268, 0.3200



Tritanopia

43.3724, 0.2879, 0.3087

Trichromacy



Original Color

43.5138, 0.2989, 0.3373

Protanomaly

43.2321, 0.3116, 0.3344

Deuteranomaly

43.1100, 0.3164, 0.3263

Tritanomaly

43.3624, 0.2923, 0.3194

Monochromacy



Original Color

43.5138, 0.2989, 0.3373

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.9353, 0.3082, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5138, 0.2989, 0.3373 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(159, 181, 175)` looks like.

```
.text, #text, p{  
    color:rgb(159, 181, 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(159, 181, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 181, 175) }
```

Border

The CSS property to change the border of an element to Yxy 43.5138, 0.2989, 0.3373 is called "border". The border property can be set on classes, ids or directly on the HTML element.

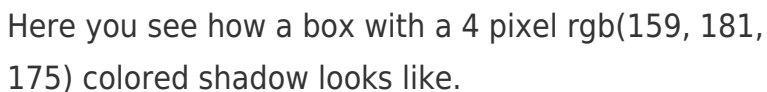
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 181, 175) }
```

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

```
.border{ border-color:rgb(159, 181, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 181, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 181, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 181, 175);  
box-shadow:4px 4px 4px 4px rgb(159, 181,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5138, 0.2989, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 181, 175) }
```

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

```
.background{ background-color: rgb(159,  
181, 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](#).

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