

Converting Colors

$Y_{xy}(42.8733, 0.3013, 0.3359)$

Have a look what the booklet for
Yxy(42.8733, 0.3013, 0.3359)
contains.

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Color

Yxy(42.8733, 0.3013, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	A1B3AE
RGB	161, 179, 174
RGB Percent	63%, 70%, 68%
CMY	0.3687, 0.2980, 0.3175
CMYK	0.10, 0.00, 0.03, 0.30
HSL	163°, 11%, 67%
HSV	163°, 10%, 70%
XYZ	38.4571, 42.8733, 46.3067
YIQ	173.0480, -9.1230, -5.3710

Conversions

Conversions Part 2

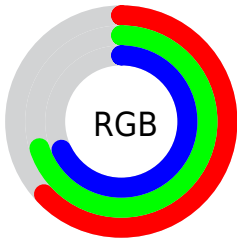
Format	Color
RYB	161, 171, 179
Decimal	10597294
CIELab	71.47, -7.21, 0.40
CIElCh	71, 7.219, 176.785
Yxy	42.8733, 0.3013, 0.3359
Android (android.graphics.Color)	4288787374 (0xFFA1B3AE)
YUV	173.0480, 0.4693, -10.5661
Hunter-Lab	65.4777, -9.7475, 3.9037

Details

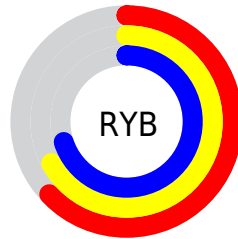
The Yxy color **42.8733, 0.3013, 0.3359** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8192, 0.3256, 0.3222**, and the grayscale version is **41.8161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6727, 0.3038, 0.3354**, and **19.5781, 0.2972, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **40.9575, 0.2904, 0.3435**, and if you desaturate by 10%, it is **45.0661, 0.3126, 0.3290**.

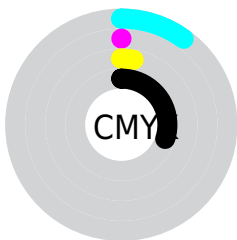
Distribution



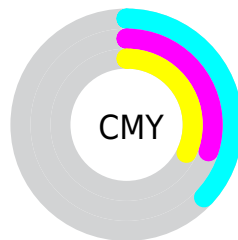
- Red (63%)
- Green (70%)
- Blue (68%)



- Red (63%)
- Yellow (67%)
- Blue (70%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)





- Cyan (37%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8733, 0.3013, 0.3359 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 42.8733, 0.3013, 0.3359 by changing the saturation by 10% instead.


 42.8733, 0.3013,
0.3359

 42.8733, 0.3013,
0.3359


358.0905, 0.3071,
0.3324

 29.7857, 0.2998,
0.3368


 79.5196, 0.3034,
0.3346

 19.6760, 0.2979,
0.3379


 103.8472, 0.3042,
0.3341

 12.1597, 0.2953,
0.3395


132.6901, 0.3049,
0.3337

 6.8526, 0.2917,
0.3417

166.4330, 0.3055,
0.3334

 3.3701, 0.2861,
0.3451

205.4600, 0.3059,
0.3331

 1.3279, 0.2764,
0.3511

250.1557, 0.3064,

 0.1626, 0.0000,

0.3328

0.5223

300.9044, 0.3068,
0.3326

0.0000, 0.0000,
0.0000

42.8733, 0.3013,
0.3359

42.8733, 0.3013,
0.3359

40.9575, 0.2904,
0.3435

45.0661, 0.3126,
0.3290

39.3019, 0.2803,
0.3517

47.5410, 0.3242,
0.3229

37.8961, 0.2711,
0.3606

50.3101, 0.3358,
0.3174

36.7271, 0.2633,
0.3700

53.3828, 0.3472,
0.3126

35.7805, 0.2570,
0.3799

56.7683, 0.3584,
0.3083

■ 35.0404, 0.2525,
0.3901

■ 57.8478, 0.3580,
0.3035

■ 34.4887, 0.2500,
0.4004

■ 58.0883, 0.3537,
0.2985

■ 34.1040, 0.2494,
0.4108

■ 58.3365, 0.3495,
0.2936

■ 33.8431, 0.2503,
0.4209

■ 58.5923, 0.3453,
0.2887

Harmonies

Analogous

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



42.8733, 0.3111, 0.3435



42.8733, 0.3013, 0.3359



42.8733, 0.2946, 0.3264

Triad

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



42.8733, 0.3013, 0.3359



42.8733, 0.3039, 0.3116



42.8733, 0.3331, 0.3397

Complementary

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



42.8733, 0.3013, 0.3359



37.8192, 0.3256, 0.3222

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.



42.8733, 0.3312, 0.3311



42.8733, 0.3013, 0.3359



42.8733, 0.3141, 0.3151

Square

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



42.8733, 0.3013, 0.3359



42.8733, 0.2961, 0.3125



42.8733, 0.3241, 0.3222



42.8733, 0.3295, 0.3456

Rectangle

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



42.8733, 0.3013, 0.3359



42.8733, 0.2928, 0.3205



42.8733, 0.3241, 0.3222



42.8733, 0.3331, 0.3370

Sweetspot

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



42.8751, 0.3013, 0.3359



79.4835, 0.3092, 0.3310



42.9320, 0.3160, 0.3542



17.5384, 0.3083, 0.3316



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.



42.8751, 0.3013, 0.3359



76.0089, 0.2989, 0.3375



41.5294, 0.2974, 0.3235



9.5907, 0.3021, 0.3354



23.9245, 0.2499, 0.4197



0.7620, 0.2420, 0.3912

Inverse Universe

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



37.8192, 0.3256, 0.3222



65.1951, 0.3286, 0.3207



39.0263, 0.3295, 0.3344



8.5426, 0.3245, 0.3227



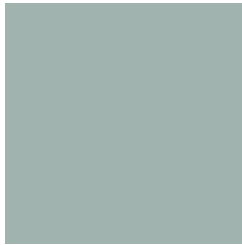
6.9413, 0.5809, 0.2974



0.2285, 0.5005, 0.2531

Previews

White Background



This preview shows how the Yxy color 42.8733, 0.3013, 0.3359 looks on a white background.

Color Contrast Check

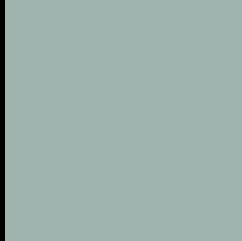
Large Text (above 18pt) WCAG AA × Fail

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 42.8733, 0.3013, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

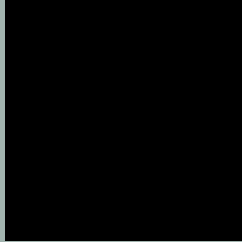
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

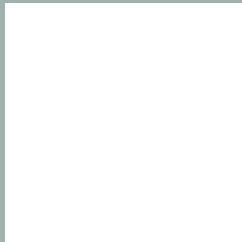
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.8733, 0.3013, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 42.8733, 0.3013, 0.3359.



This preview shows how white text looks on a background with the Yxy color 42.8733, 0.3013, 0.3359.

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

42.8733, 0.3013, 0.3359

Protanopia

42.7961, 0.3197, 0.3331

Deuteranopia

42.5869, 0.3269, 0.3200



Tritanopia

42.7048, 0.2908, 0.3087

Trichromacy



Original Color

42.8733, 0.3013, 0.3359

Protanomaly

42.7999, 0.3125, 0.3345

Deuteranomaly

42.6856, 0.3173, 0.3263

Tritanomaly

42.7336, 0.2946, 0.3180

Monochromacy



Original Color

42.8733, 0.3013, 0.3359

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.1121, 0.3091, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8733, 0.3013, 0.3359 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(161, 179, 174)` looks like.

```
.text, #text, p{  
    color:rgb(161, 179, 174)  
}
```

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(161, 179, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 179, 174) }
```

Border

The CSS property to change the border of an element to Yxy 42.8733, 0.3013, 0.3359 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(161, 179, 174) }
```

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

```
.border{ border-color:rgb(161, 179, 174) }
```

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

Here you see how a box with a 4 pixel rgb(161, 179, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 179, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 179, 174);  
box-shadow:4px 4px 4px 4px rgb(161, 179,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8733, 0.3013, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 179, 174) }
```

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

```
.background{ background-color: rgb(161,  
179, 174) }
```

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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