

Converting Colors

$Y_{xy}(43.1834, 0.2877, 0.3152)$

Have a look what the booklet for
Yxy(43.1834, 0.2877, 0.3152)
contains.

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Color

Yxy(43.1834, 0.2877, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	9EB3BD
RGB	158, 179, 189
RGB Percent	62%, 70%, 74%
CMY	0.3801, 0.2981, 0.2588
CMYK	0.16, 0.05, 0.00, 0.26
HSL	199°, 19%, 68%
HSV	199°, 16%, 74%
XYZ	39.4158, 43.1834, 54.4040
YIQ	173.8610, -15.7260, -1.3420

Conversions

Conversions Part 2

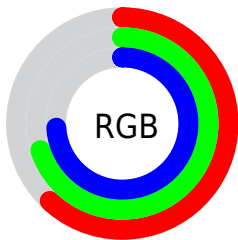
Format	Color
R_{YB}	158, 171, 189
Decimal	10400701
CIE _{Lab}	71.68, -5.07, -7.53
CIE _{LCh}	72, 9.078, 236.074
Yxy	43.1834, 0.2877, 0.3152
Android (android.graphics.Color)	4288590781 (0xFF9EB3BD)
YUV	173.8610, 7.4635, -13.9101
Hunter-Lab	65.7141, -7.9340, -3.0857

Details

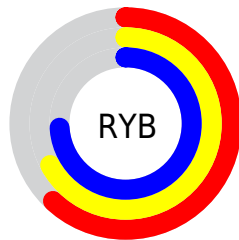
The Yxy color **43.1834, 0.2877, 0.3152** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3271, 0.3412, 0.3424**, and the grayscale version is **42.2258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1554, 0.2925, 0.3184**, and **19.7635, 0.2799, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **39.0137, 0.2725, 0.3057**, and if you desaturate by 10%, it is **47.7604, 0.3030, 0.3239**.

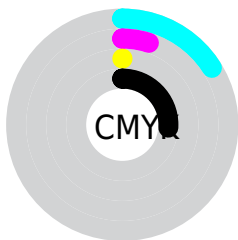
Distribution



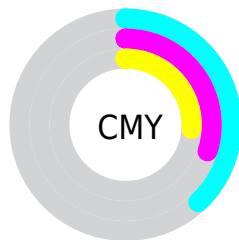
- Red (62%)
- Green (70%)
- Blue (74%)



- Red (62%)
- Yellow (67%)
- Blue (74%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (38%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1834, 0.2877, 0.3152 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 43.1834, 0.2877, 0.3152 by changing the saturation by 10% instead.

■ 43.1834, 0.2877,
0.3152

■ 43.1834, 0.2877,
0.3152

■ 359.3655, 0.3003,
0.3223

■ 30.0290, 0.2845,
0.3134

■ 79.9875, 0.2923,
0.3178

■ 19.8606, 0.2805,
0.3110

■ 104.4061, 0.2940,
0.3188

■ 12.2938, 0.2750,
0.3078

■ 133.3482, 0.2955,
0.3196

■ 6.9441, 0.2674,
0.3032

■ 167.1982, 0.2967,
0.3203

■ 3.4272, 0.2559,
0.2961

■ 206.3406, 0.2978,
0.3209

■ 1.3586, 0.2368,
0.2837

■ 251.1596, 0.2987,

■ 0.1859, 0.0548,

0.3214

0.1921

302.0398, 0.2995,
0.3219

0.0000, 0.0000,
0.0000

43.1834, 0.2877,
0.3152

43.1834, 0.2877,
0.3152

39.0137, 0.2725,
0.3057

47.7604, 0.3030,
0.3239

35.2311, 0.2577,
0.2953

52.7533, 0.3182,
0.3318

31.8215, 0.2436,
0.2843

58.1769, 0.3330,
0.3388

28.7677, 0.2307,
0.2726

64.0439, 0.3473,
0.3450

26.0508, 0.2192,
0.2605

70.3663, 0.3610,
0.3505

■ 23.6497, 0.2096,
0.2482

■ 73.8967, 0.3614,
0.3565

■ 21.5401, 0.2019,
0.2359

■ 77.0858, 0.3599,
0.3626

■ 19.6906, 0.1961,
0.2238

■ 80.3929, 0.3584,
0.3686

■ 19.0612, 0.1943,
0.2194

■ 83.8192, 0.3569,
0.3745

Harmonies

Analogous

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



43.1834, 0.2902, 0.3260



43.1834, 0.2877, 0.3152



43.1834, 0.2917, 0.3084

Triad

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



43.1834, 0.2877, 0.3152



43.1834, 0.3268, 0.3202



43.1834, 0.3239, 0.3518

Complementary

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



43.1834, 0.2877, 0.3152



41.3271, 0.3412, 0.3424

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.



43.1834, 0.3340, 0.3497



43.1834, 0.2877, 0.3152



43.1834, 0.3357, 0.3313

Square

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



43.1834, 0.2877, 0.3152



43.1834, 0.3141, 0.3115



43.1834, 0.3384, 0.3421



43.1834, 0.3109, 0.3475

Rectangle

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



43.1834, 0.2877, 0.3152



43.1834, 0.2976, 0.3069



43.1834, 0.3384, 0.3421



43.1834, 0.3277, 0.3518

Sweetspot

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



43.1852, 0.2877, 0.3152



86.6439, 0.3050, 0.3250



46.4953, 0.3034, 0.3584



18.5019, 0.3039, 0.3244



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.



43.1852, 0.2877, 0.3152



74.3035, 0.2817, 0.3115



37.4079, 0.2868, 0.2937



10.2744, 0.2985, 0.3214



12.9677, 0.1947, 0.2210



0.6219, 0.2028, 0.2499

Inverse Universe

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



38.5503, 0.3236, 0.3016



64.4384, 0.3267, 0.2947



47.2949, 0.3381, 0.3620



9.6423, 0.3186, 0.3136



8.3388, 0.4222, 0.2100



0.3381, 0.3924, 0.1935

Previews

White Background



This preview shows how the Yxy color 43.1834, 0.2877, 0.3152 looks on a white background.

Color Contrast Check

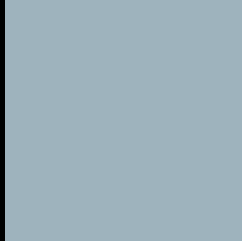
Large Text (above 18pt) WCAG AA × Fail

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 43.1834, 0.2877, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

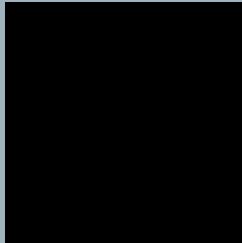
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

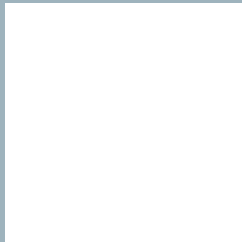
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1834, 0.2877, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 43.1834, 0.2877, 0.3152.



This preview shows how white text looks on a background with the Yxy color 43.1834, 0.2877, 0.3152.

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

43.1834, 0.2877, 0.3152

Protanopia

42.9312, 0.3039, 0.3130

Deuteranopia

42.8253, 0.3087, 0.3019



Tritanopia

43.0620, 0.2855, 0.3085

Trichromacy



Original Color

43.1834, 0.2877, 0.3152

Protanomaly

43.0735, 0.2980, 0.3142

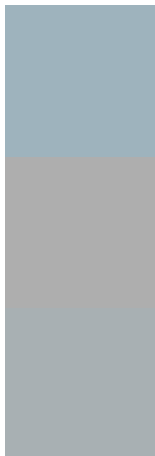
Deuteranomaly

42.7188, 0.3007, 0.3065

Tritanomaly

43.0175, 0.2862, 0.3099

Monochromacy



Original Color

43.1834, 0.2877, 0.3152

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.6302, 0.3034, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1834, 0.2877, 0.3152 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(158, 179, 189)` looks like.

```
.text, #text, p{  
    color:rgb(158, 179, 189)  
}
```

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(158, 179, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 179, 189) }
```

Border

The CSS property to change the border of an element to Yxy 43.1834, 0.2877, 0.3152 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(158, 179, 189) }
```

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

```
.border{ border-color:rgb(158, 179, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 179, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 179, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 179, 189);  
box-shadow:4px 4px 4px 4px rgb(158, 179,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1834, 0.2877, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 179, 189) }
```

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

```
.background{ background-color: rgb(158,  
179, 189) }
```

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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