

Converting Colors

$Yxy(50.7971, 0.3046, 0.3381)$

Have a look what the booklet for
Yxy(50.7971, 0.3046, 0.3381)
contains.

Yxy(50.9152, 0.3043, 0.3380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.9152, 0.3043, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	B0C1BA
RGB	176, 193, 186
RGB Percent	69%, 76%, 73%
CMY	0.3098, 0.2431, 0.2705
CMYK	0.09, 0.00, 0.04, 0.24
HSL	155°, 12%, 72%
HSV	155°, 9%, 76%
XYZ	45.8387, 50.9152, 53.8827
YIQ	187.1190, -7.8850, -5.7810

Conversions

Conversions Part 2

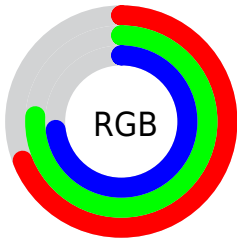
Format	Color
R _Y B	176, 187, 193
Decimal	11583930
CIE Lab	76.63, -7.15, 1.51
CIE LCh	77, 7.310, 168.098
Yxy	50.9152, 0.3043, 0.3380
Android (android.graphics.Color)	4289774010 (0xFFB0C1BA)
YUV	187.1190, -0.5517, -9.7514
Hunter-Lab	71.3549, -10.2017, 5.1763

Details

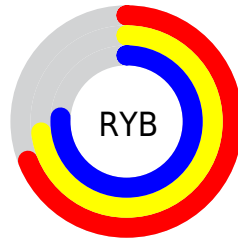
The Yxy color **50.9152, 0.3043, 0.3380** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.8038, 0.3220, 0.3202**, and the grayscale version is **49.7727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3180, 0.3061, 0.3360**, and **24.3696, 0.3015, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **48.4979, 0.2950, 0.3493**, and if you desaturate by 10%, it is **53.6753, 0.3139, 0.3279**.

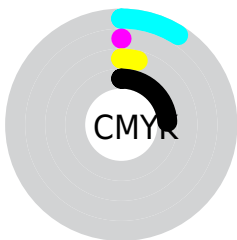
Distribution



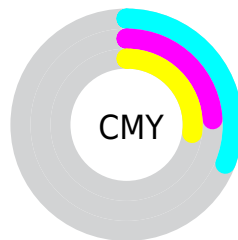
- Red (69%)
- Green (76%)
- Blue (73%)



- Red (69%)
- Yellow (73%)
- Blue (76%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9152, 0.3043, 0.3380 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 50.9152, 0.3043, 0.3380 by changing the saturation by 10% instead.

■ 50.9152, 0.3043,
0.3380

■ 50.9152, 0.3043,
0.3380

390.2342, 0.3085,
0.3335

■ 36.1411, 0.3033,
0.3391

■ 91.5294, 0.3058,
0.3364

■ 24.5432, 0.3020,
0.3405

118.1383, 0.3064,
0.3358

■ 15.7371, 0.3002,
0.3424

149.4610, 0.3069,
0.3353

■ 9.3383, 0.2978,
0.3450

185.8818, 0.3073,
0.3348

■ 4.9625, 0.2943,
0.3488

227.7851, 0.3076,
0.3344

■ 2.2253, 0.2886,
0.3551

275.5554, 0.3079,

■ 0.7337, 0.2681,

0.3341

0.3763

329.5770, 0.3082,
0.3338

0.0000, 0.0000,
0.0000

50.9152, 0.3043,
0.3380

50.9152, 0.3043,
0.3380

48.4979, 0.2950,
0.3493

53.6753, 0.3139,
0.3279

46.4033, 0.2863,
0.3617

56.7846, 0.3235,
0.3188

44.6187, 0.2784,
0.3752

60.2576, 0.3331,
0.3108

43.1284, 0.2716,
0.3897

64.1058, 0.3424,
0.3038

41.9150, 0.2663,
0.4050

64.8698, 0.3376,
0.2960

■ 40.9594, 0.2627,
0.4207

■ 65.3131, 0.3315,
0.2883

■ 40.2399, 0.2611,
0.4367

■ 65.7768, 0.3255,
0.2808

■ 39.7310, 0.2614,
0.4525

■ 66.2610, 0.3197,
0.2735

■ 39.3901, 0.2635,
0.4679

■ 66.6214, 0.3156,
0.2683

Harmonies

Analogous

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



50.9152, 0.3141, 0.3443



50.9152, 0.3043, 0.3380



50.9152, 0.2968, 0.3292

Triad

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



50.9152, 0.3043, 0.3380



50.9152, 0.3017, 0.3121



50.9152, 0.3322, 0.3370

Complementary

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



50.9152, 0.3043, 0.3380



45.8038, 0.3220, 0.3202

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.



50.9152, 0.3288, 0.3285



50.9152, 0.3043, 0.3380



50.9152, 0.3111, 0.3143

Square

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



50.9152, 0.3043, 0.3380



50.9152, 0.2954, 0.3143



50.9152, 0.3211, 0.3203



50.9152, 0.3303, 0.3436

Rectangle

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



50.9152, 0.3043, 0.3380



50.9152, 0.2941, 0.3232



50.9152, 0.3211, 0.3203



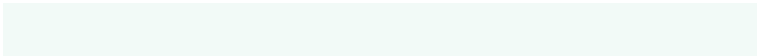
50.9152, 0.3317, 0.3343

Sweetspot

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



50.9174, 0.3043, 0.3380



93.9624, 0.3098, 0.3320



51.3530, 0.3174, 0.3509



20.0718, 0.3090, 0.3328



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



50.9174, 0.3043, 0.3380



90.1139, 0.3021, 0.3406



50.5975, 0.2993, 0.3271



11.3563, 0.3038, 0.3386



26.1902, 0.2633, 0.4678



1.1450, 0.2537, 0.4333

Inverse Universe

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



45.8038, 0.3220, 0.3202



78.6887, 0.3247, 0.3177



46.0794, 0.3277, 0.3309



10.1448, 0.3226, 0.3196



7.9323, 0.5312, 0.2700



0.3564, 0.4732, 0.2380

Previews

White Background



This preview shows how the Yxy color 50.9152, 0.3043, 0.3380 looks on a white background.

Color Contrast Check

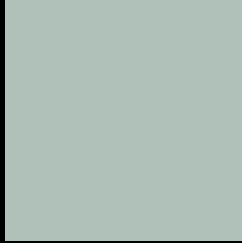
Large Text (above 18pt) WCAG AA × Fail

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 50.9152, 0.3043, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

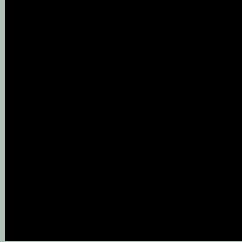
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

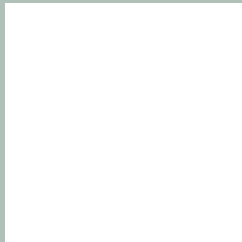
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9152, 0.3043, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 50.9152, 0.3043, 0.3380.



This preview shows how white text looks on a background with the Yxy color 50.9152, 0.3043, 0.3380.

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

50.9152, 0.3043, 0.3380

Protanopia

50.7228, 0.3208, 0.3353

Deuteranopia

50.7632, 0.3292, 0.3230



Tritanopia

50.8184, 0.2930, 0.3101

Trichromacy



Original Color

50.9152, 0.3043, 0.3380

Protanomaly

50.8524, 0.3148, 0.3366

Deuteranomaly

50.8643, 0.3202, 0.3290

Tritanomaly

50.8038, 0.2973, 0.3201

Monochromacy



Original Color

50.9152, 0.3043, 0.3380

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.0503, 0.3093, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9152, 0.3043, 0.3380 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(176, 193, 186)` looks like.

```
.text, #text, p{  
    color:rgb(176, 193, 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(176, 193, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 193, 186) }
```

Border

The CSS property to change the border of an element to Yxy 50.9152, 0.3043, 0.3380 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(176, 193, 186) }
```

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

```
.border{ border-color:rgb(176, 193, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 193, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 193, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 193, 186);  
box-shadow:4px 4px 4px 4px rgb(176, 193,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9152, 0.3043, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 193, 186) }
```

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

```
.background{ background-color: rgb(176,  
193, 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