

Converting Colors

$Y_{xy}(50.7805, 0.3050, 0.3369)$

Have a look what the booklet for
Yxy(50.7805, 0.3050, 0.3369)
contains.

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Color

Yxy(50.5916, 0.3051, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	B1C0BA
RGB	177, 192, 186
RGB Percent	69%, 75%, 73%
CMY	0.3060, 0.2470, 0.2705
CMYK	0.08, 0.00, 0.03, 0.25
HSL	156°, 11%, 72%
HSV	156°, 8%, 75%
XYZ	45.8435, 50.5916, 53.8221
YIQ	186.8310, -7.0140, -5.0460

Conversions

Conversions Part 2

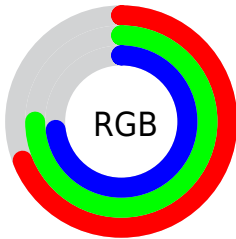
Format	Color
RYB	177, 186, 192
Decimal	11649210
CIELab	76.43, -6.29, 1.23
CIElCh	76, 6.410, 168.957
Yxy	50.5916, 0.3051, 0.3367
Android (android.graphics.Color)	4289839290 (0xFFB1C0BA)
YUV	186.8310, -0.4097, -8.6218
Hunter-Lab	71.1278, -9.4263, 4.9249

Details

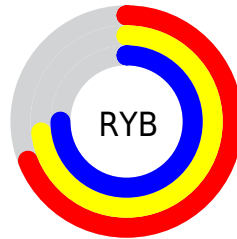
The Yxy color **50.5916, 0.3051, 0.3367** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.0610, 0.3210, 0.3214**, and the grayscale version is **49.5997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8692, 0.3067, 0.3350**, and **24.4438, 0.3026, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **48.1797, 0.2956, 0.3475**, and if you desaturate by 10%, it is **53.3424, 0.3148, 0.3270**.

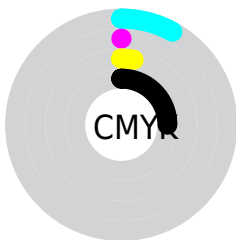
Distribution



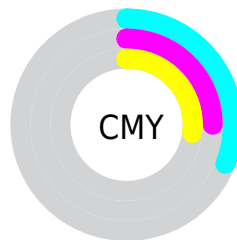
- Red (69%)
- Green (75%)
- Blue (73%)



- Red (69%)
- Yellow (73%)
- Blue (75%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (25%)





- Cyan (31%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5916, 0.3051, 0.3367 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 50.5916, 0.3051, 0.3367 by changing the saturation by 10% instead.


 50.5916, 0.3051,
0.3367

 50.5916, 0.3051,
0.3367

388.9750, 0.3089,
0.3329

 35.8837, 0.3042,
0.3376


 91.0508, 0.3065,
0.3353

 24.3444, 0.3030,
0.3388


117.5709, 0.3070,
0.3348

 15.5893, 0.3014,
0.3404


148.7971, 0.3074,
0.3344

 9.2340, 0.2992,
0.3427

185.1140, 0.3078,
0.3340

 4.8941, 0.2960,
0.3459

226.9058, 0.3081,
0.3337

 2.1853, 0.2908,
0.3513

274.5570, 0.3084,

 0.7119, 0.2718,

0.3334

0.3700

328.4519, 0.3086,
0.3331

0.0000, 0.0000,
0.0000

50.5916, 0.3051,
0.3367

50.5916, 0.3051,
0.3367

48.1797, 0.2956,
0.3475

53.3424, 0.3148,
0.3270

46.0867, 0.2867,
0.3594

56.4382, 0.3247,
0.3183

44.3005, 0.2785,
0.3724

59.8933, 0.3344,
0.3106

42.8055, 0.2715,
0.3863

63.7190, 0.3439,
0.3039

41.5849, 0.2659,
0.4010

64.3543, 0.3388,
0.2964

■ 40.6200, 0.2621,
0.4162

■ 64.7782, 0.3329,
0.2889

■ 39.8896, 0.2601,
0.4316

■ 65.2209, 0.3271,
0.2817

■ 39.3692, 0.2602,
0.4470

■ 65.6826, 0.3214,
0.2745

■ 39.0219, 0.2621,
0.4620

■ 66.1637, 0.3158,
0.2676

Harmonies

Analogous

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



50.5916, 0.3137, 0.3423



50.5916, 0.3051, 0.3367



50.5916, 0.2986, 0.3290

Triad

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



50.5916, 0.3051, 0.3367



50.5916, 0.3033, 0.3141



50.5916, 0.3299, 0.3363

Complementary

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



50.5916, 0.3051, 0.3367



46.0610, 0.3210, 0.3214

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.



50.5916, 0.3270, 0.3288



50.5916, 0.3051, 0.3367



50.5916, 0.3116, 0.3162

Square

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



50.5916, 0.3051, 0.3367



50.5916, 0.2976, 0.3160



50.5916, 0.3203, 0.3215



50.5916, 0.3281, 0.3420

Rectangle

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



50.5916, 0.3051, 0.3367



50.5916, 0.2963, 0.3238



50.5916, 0.3203, 0.3215



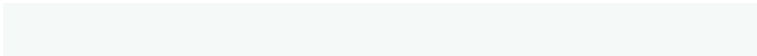
50.5916, 0.3294, 0.3339

Sweetspot

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



50.5937, 0.3051, 0.3367



94.4759, 0.3107, 0.3309



50.9420, 0.3167, 0.3484



20.2793, 0.3108, 0.3308



97.7402, 0.3127, 0.3290



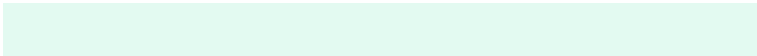
20.4902, 0.3127, 0.3290

Same Dimension

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



50.5937, 0.3051, 0.3367



91.0551, 0.3038, 0.3381



50.1966, 0.3008, 0.3270



11.3585, 0.3036, 0.3383



26.2270, 0.2620, 0.4634



1.1465, 0.2527, 0.4299

Inverse Universe

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



46.0610, 0.3210, 0.3214



81.5440, 0.3225, 0.3201



46.4145, 0.3258, 0.3310



10.1427, 0.3228, 0.3199



7.9092, 0.5363, 0.2728



0.3553, 0.4771, 0.2402

Previews

White Background



This preview shows how the Yxy color 50.5916, 0.3051, 0.3367 looks on a white background.

Color Contrast Check

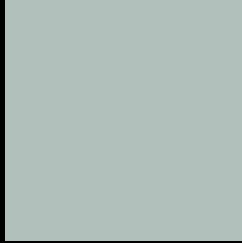
Large Text (above 18pt) WCAG AA × Fail

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 50.5916, 0.3051, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

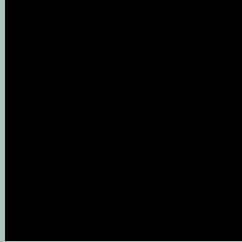
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

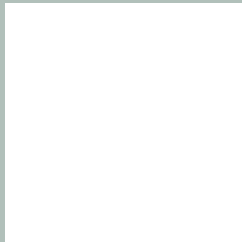
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5916, 0.3051, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 50.5916, 0.3051, 0.3367.



This preview shows how white text looks on a background with the Yxy color 50.5916, 0.3051, 0.3367.

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

50.5916, 0.3051, 0.3367

Protanopia

50.2970, 0.3208, 0.3340

Deuteranopia

50.2085, 0.3285, 0.3218



Tritanopia

50.4581, 0.2945, 0.3101

Trichromacy



Original Color

50.5916, 0.3051, 0.3367

Protanomaly

50.4207, 0.3149, 0.3354

Deuteranomaly

50.3078, 0.3195, 0.3278

Tritanomaly

50.4418, 0.2987, 0.3201

Monochromacy



Original Color

50.5916, 0.3051, 0.3367

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 50.5916, 0.3051, 0.3367 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(177, 192, 186)` looks like.

```
.text, #text, p{  
    color:rgb(177, 192, 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(177, 192, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 192, 186) }
```

Border

The CSS property to change the border of an element to Yxy 50.5916, 0.3051, 0.3367 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(177, 192, 186) }
```

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

```
.border{ border-color:rgb(177, 192, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 192, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 192, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 192, 186);  
box-shadow:4px 4px 4px 4px rgb(177, 192,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5916, 0.3051, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 192, 186) }
```

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

```
.background{ background-color: rgb(177,  
192, 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](#).

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