

Converting Colors

$Yxy(48.8217, 0.3100, 0.3329)$

Have a look what the booklet for
Yxy(48.8217, 0.3100, 0.3329)
contains.

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Color

Yxy(48.8251, 0.3101, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	B5BBB8
RGB	181, 187, 184
RGB Percent	71%, 73%, 72%
CMY	0.2901, 0.2667, 0.2785
CMYK	0.03, 0.00, 0.02, 0.27
HSL	150°, 4%, 72%
HSV	150°, 3%, 73%
XYZ	45.4811, 48.8251, 52.3597
YIQ	184.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

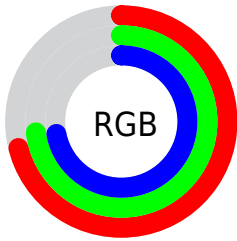
Format	Color
RYB	181, 185, 187
Decimal	11910072
CIELab	75.34, -2.64, 0.80
CIElCh	75, 2.753, 163.185
Yxy	48.8251, 0.3101, 0.3329
Android (android.graphics.Color)	4290100152 (0xFFB5BBB8)
YUV	184.8640, -0.4260, -3.3887
Hunter-Lab	69.8750, -6.0968, 4.4844

Details

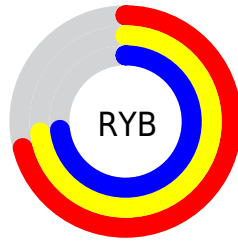
The Yxy color **48.8251, 0.3101, 0.3329** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0882, 0.3154, 0.3251**, and the grayscale version is **48.4423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3970, 0.3106, 0.3320**, and **23.2781, 0.3091, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **46.3316, 0.3020, 0.3461**, and if you desaturate by 10%, it is **51.6528, 0.3183, 0.3212**.

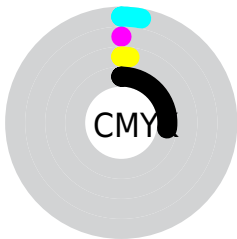
Distribution



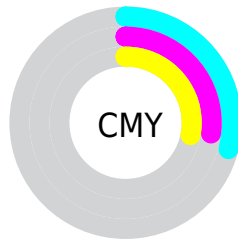
- Red (71%)
- Green (73%)
- Blue (72%)



- Red (71%)
- Yellow (73%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.8251, 0.3101, 0.3329 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 48.8251, 0.3101, 0.3329 by changing the saturation by 10% instead.

■ 48.8251, 0.3101,
0.3329

■ 48.8251, 0.3101,
0.3329

382.0534, 0.3114,
0.3310

■ 34.4808, 0.3098,
0.3334

■ 88.4316, 0.3106,
0.3322

■ 23.2632, 0.3094,
0.3340

114.4626, 0.3108,
0.3319

■ 14.7880, 0.3088,
0.3348

145.1579, 0.3109,
0.3317

■ 8.6707, 0.3080,
0.3360

180.9020, 0.3110,
0.3315

■ 4.5270, 0.3069,
0.3376

222.0792, 0.3111,
0.3314

■ 1.9725, 0.3050,
0.3404

269.0738, 0.3112,

■ 0.5914, 0.2967,

0.3312

0.3526

322.2705, 0.3113,
0.3311

0.0000, 0.0000,
0.0000

48.8251, 0.3101,
0.3329

48.8251, 0.3101,
0.3329

46.3316, 0.3020,
0.3461

51.6528, 0.3183,
0.3212

44.1536, 0.2942,
0.3608

54.8203, 0.3264,
0.3108

42.2798, 0.2869,
0.3769

58.3410, 0.3344,
0.3016

40.6959, 0.2804,
0.3944

62.0675, 0.3414,
0.2935

39.3864, 0.2751,
0.4130

62.5898, 0.3338,
0.2843

■ 38.3344, 0.2713,
0.4325

■ 63.1410, 0.3264,
0.2753

■ 37.5209, 0.2693,
0.4523

■ 63.7216, 0.3193,
0.2666

■ 36.9242, 0.2692,
0.4720

■ 64.0200, 0.3158,
0.2624

■ 36.5184, 0.2711,
0.4908

Harmonies

Analogous

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



48.8251, 0.3139, 0.3351



48.8251, 0.3101, 0.3329



48.8251, 0.3070, 0.3297

Triad

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



48.8251, 0.3101, 0.3329



48.8251, 0.3080, 0.3225



48.8251, 0.3201, 0.3316

Complementary

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



48.8251, 0.3101, 0.3329



47.0882, 0.3154, 0.3251

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.



48.8251, 0.3185, 0.3283



48.8251, 0.3101, 0.3329



48.8251, 0.3115, 0.3231

Square

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



48.8251, 0.3101, 0.3329



48.8251, 0.3058, 0.3237



48.8251, 0.3153, 0.3252



48.8251, 0.3197, 0.3343

Rectangle

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



48.8251, 0.3101, 0.3329



48.8251, 0.3058, 0.3274



48.8251, 0.3153, 0.3252



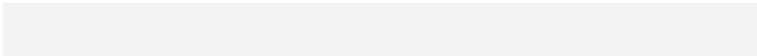
48.8251, 0.3197, 0.3306

Sweetspot

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



48.8272, 0.3101, 0.3329



88.5005, 0.3119, 0.3302



49.0820, 0.3149, 0.3367



19.4949, 0.3119, 0.3302



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.



48.8272, 0.3101, 0.3329



87.0371, 0.3094, 0.3340



48.9511, 0.3079, 0.3291



10.9951, 0.3089, 0.3348



25.0376, 0.2725, 0.5010



0.9940, 0.2601, 0.4564

Inverse Universe

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



47.0882, 0.3154, 0.3251



83.0925, 0.3162, 0.3241



46.9667, 0.3178, 0.3289



10.4218, 0.3167, 0.3233



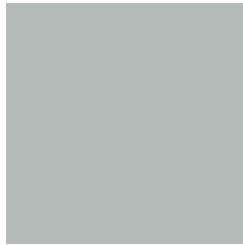
7.8602, 0.4906, 0.2476



0.3211, 0.4394, 0.2194

Previews

White Background



This preview shows how the Yxy color 48.8251, 0.3101, 0.3329 looks on a white background.

Color Contrast Check

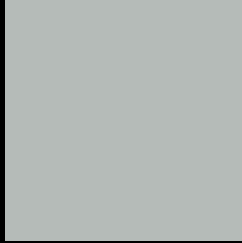
Large Text (above 18pt) WCAG AA × Fail

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 48.8251, 0.3101, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

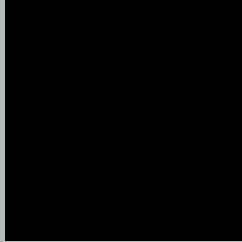
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

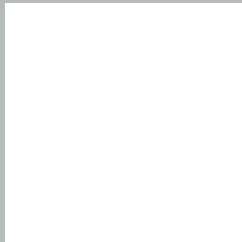
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.8251, 0.3101, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 48.8251, 0.3101, 0.3329.



This preview shows how white text looks on a background with the Yxy color 48.8251, 0.3101, 0.3329.

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

48.8251, 0.3101, 0.3329

Protanopia

48.9356, 0.3176, 0.3316

Deuteranopia

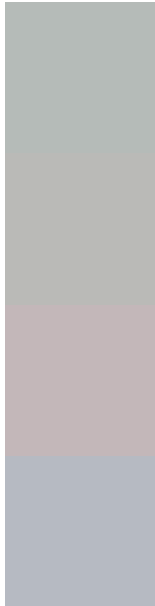
48.8418, 0.3286, 0.3229



Tritanopia

48.8887, 0.3004, 0.3113

Trichromacy



Original Color

48.8251, 0.3101, 0.3329

Protanomaly

48.9758, 0.3150, 0.3328

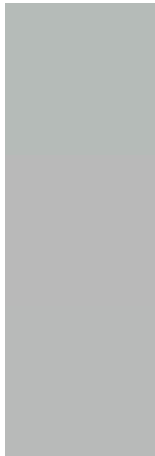
Deuteranomaly

48.9719, 0.3214, 0.3265

Tritanomaly

48.9579, 0.3033, 0.3188

Monochromacy



Original Color

48.8251, 0.3101, 0.3329

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.8109, 0.3118, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8251, 0.3101, 0.3329 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(181, 187, 184)` looks like.

```
.text, #text, p{  
    color:rgb(181, 187, 184)  
}
```

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(181, 187, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 187, 184) }
```

Border

The CSS property to change the border of an element to Yxy 48.8251, 0.3101, 0.3329 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(181, 187, 184) }
```

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

```
.border{ border-color:rgb(181, 187, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 187, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 187, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 187, 184);  
box-shadow:4px 4px 4px 4px rgb(181, 187,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8251, 0.3101, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 187, 184) }
```

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

```
.background{ background-color: rgb(181,  
187, 184) }
```

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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