

Converting Colors

$Yxy(48.5230, 0.3129, 0.3388)$

Have a look what the booklet for
Yxy(48.5230, 0.3129, 0.3388)
contains.

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Color

Yxy(48.4986, 0.3131, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	B4BBB3
RGB	180, 187, 179
RGB Percent	71%, 73%, 70%
CMY	0.2939, 0.2667, 0.2980
CMYK	0.04, 0.00, 0.04, 0.27
HSL	112°, 6%, 72%
HSV	112°, 4%, 73%
XYZ	44.7405, 48.4986, 49.6561
YIQ	183.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

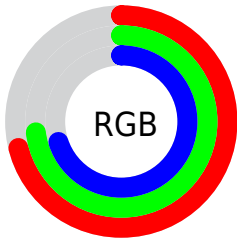
Format	Color
RYB	179, 187, 186
Decimal	11844531
CIELab	75.14, -3.89, 3.19
CIELCh	75, 5.031, 140.654
Yxy	48.4986, 0.3131, 0.3394
Android (android.graphics.Color)	4290034611 (0xFFB4BBB3)
YUV	183.9950, -2.4625, -3.5036
Hunter-Lab	69.6409, -7.1952, 6.4731

Details

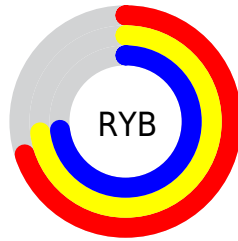
The Yxy color **48.4986, 0.3131, 0.3394** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.2631, 0.3123, 0.3188**, and the grayscale version is **47.9503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9322, 0.3130, 0.3371**, and **23.0686, 0.3132, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **45.9577, 0.3139, 0.3660**, and if you desaturate by 10%, it is **51.3746, 0.3122, 0.3159**.

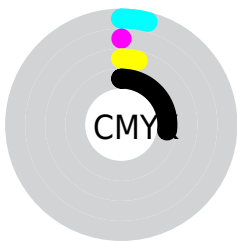
Distribution



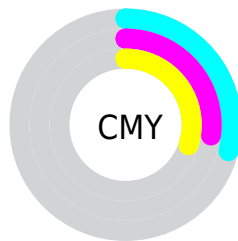
- Red (71%)
- Green (73%)
- Blue (70%)



- Red (70%)
- Yellow (73%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4986, 0.3131, 0.3394 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 48.4986, 0.3131, 0.3394 by changing the saturation by 10% instead.

■ 48.4986, 0.3131,
0.3394

■ 48.4986, 0.3131,
0.3394

380.7651, 0.3129,
0.3342

■ 34.2219, 0.3131,
0.3407

■ 87.9463, 0.3130,
0.3375

■ 23.0641, 0.3132,
0.3424

113.8861, 0.3130,
0.3368

■ 14.6409, 0.3132,
0.3446

144.4824, 0.3130,
0.3362

■ 8.5677, 0.3133,
0.3477

180.1196, 0.3130,
0.3357

■ 4.4603, 0.3134,
0.3524

221.1820, 0.3130,
0.3352

■ 1.9342, 0.3134,
0.3602

268.0542, 0.3130,

■ 0.5688, 0.3159,

0.3349

0.4032

321.1204, 0.3129,
0.3345

0.0000, 0.0000,
0.0000

48.4986, 0.3131,
0.3394

48.4986, 0.3131,
0.3394

45.9577, 0.3139,
0.3660

51.3746, 0.3122,
0.3159

43.7337, 0.3144,
0.3956

54.5909, 0.3112,
0.2953

41.8160, 0.3147,
0.4279

58.1602, 0.3101,
0.2774

40.1911, 0.3144,
0.4618

62.0929, 0.3091,
0.2619

38.8445, 0.3136,
0.4960

64.0150, 0.3158,
0.2624

■ 37.7604, 0.3122,
0.5284

■ 36.9214, 0.3101,
0.5565

■ 36.3079, 0.3076,
0.5781

■ 35.8972, 0.3048,
0.5919

Harmonies

Analogous

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



48.4986, 0.3198, 0.3411



48.4986, 0.3131, 0.3394



48.4986, 0.3063, 0.3348

Triad

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



48.4986, 0.3131, 0.3394



48.4986, 0.3008, 0.3185



48.4986, 0.3243, 0.3292

Complementary

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



48.4986, 0.3131, 0.3394



46.2631, 0.3123, 0.3188

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.



48.4986, 0.3191, 0.3233



48.4986, 0.3131, 0.3394



48.4986, 0.3055, 0.3172

Square

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



48.4986, 0.3131, 0.3394



48.4986, 0.2993, 0.3227



48.4986, 0.3122, 0.3189



48.4986, 0.3264, 0.3351

Rectangle

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



48.4986, 0.3131, 0.3394



48.4986, 0.3027, 0.3308



48.4986, 0.3122, 0.3189



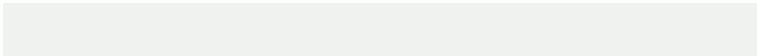
48.4986, 0.3229, 0.3272

Sweetspot

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



48.5007, 0.3131, 0.3394



88.4851, 0.3128, 0.3314



48.9037, 0.3190, 0.3379



19.4916, 0.3128, 0.3313



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.



48.5007, 0.3131, 0.3394



86.4850, 0.3132, 0.3415



48.4947, 0.3100, 0.3356



10.9292, 0.3132, 0.3428



24.6452, 0.3039, 0.5969



0.9852, 0.3160, 0.5873

Inverse Universe

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



46.2631, 0.3123, 0.3188



81.7363, 0.3122, 0.3168



46.2710, 0.3155, 0.3225



10.2664, 0.3122, 0.3155



7.8152, 0.2883, 0.1362



0.3241, 0.2966, 0.1408

Previews

White Background



This preview shows how the Yxy color 48.4986, 0.3131, 0.3394 looks on a white background.

Color Contrast Check

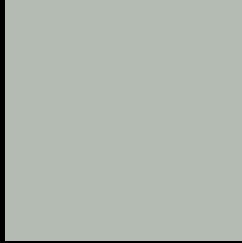
Large Text (above 18pt) WCAG AA × Fail

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 48.4986, 0.3131, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

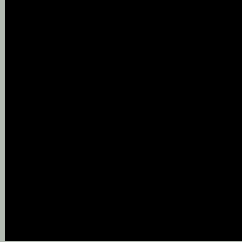
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

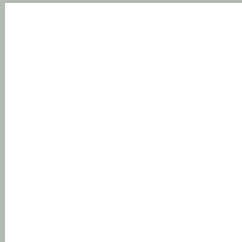
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4986, 0.3131, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 48.4986, 0.3131, 0.3394.



This preview shows how white text looks on a background with the Yxy color 48.4986, 0.3131, 0.3394.

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

48.4986, 0.3131, 0.3394

Protanopia

48.4025, 0.3234, 0.3380

Deuteranopia

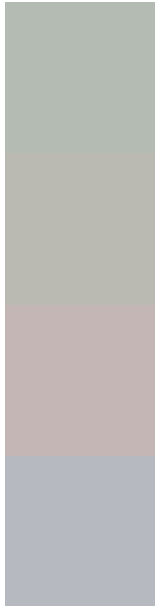
48.4138, 0.3330, 0.3266



Tritanopia

48.4718, 0.3004, 0.3100

Trichromacy



Original Color

48.4986, 0.3131, 0.3394

Protanomaly

48.3514, 0.3190, 0.3380

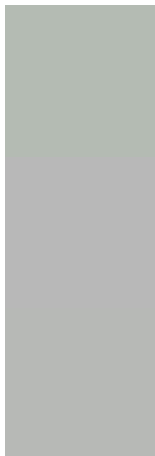
Deuteranomaly

48.3533, 0.3255, 0.3316

Tritanomaly

48.4488, 0.3049, 0.3200

Monochromacy



Original Color

48.4986, 0.3131, 0.3394

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.1426, 0.3134, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4986, 0.3131, 0.3394 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(180, 187, 179)` looks like.

```
.text, #text, p{  
    color:rgb(180, 187, 179)  
}
```

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(180, 187, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 187, 179) }
```

Border

The CSS property to change the border of an element to Yxy 48.4986, 0.3131, 0.3394 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(180, 187, 179) }
```

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

```
.border{ border-color:rgb(180, 187, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 187, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 187, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 187, 179);  
box-shadow:4px 4px 4px 4px rgb(180, 187,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4986, 0.3131, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 187, 179) }
```

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

```
.background{ background-color: rgb(180,  
187, 179) }
```

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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