

Converting Colors

$Yxy(48.6764, 0.3165, 0.3454)$

Have a look what the booklet for
Yxy(48.6764, 0.3165, 0.3454)
contains.

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Color

Yxy(48.8853, 0.3169, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	B5BCAF
RGB	181, 188, 175
RGB Percent	71%, 74%, 69%
CMY	0.2902, 0.2627, 0.3138
CMYK	0.04, 0.00, 0.07, 0.26
HSL	92°, 9%, 71%
HSV	92°, 7%, 74%
XYZ	44.7738, 48.8853, 47.6278
YIQ	184.4250, 0.0010, -5.5270

Conversions

Conversions Part 2

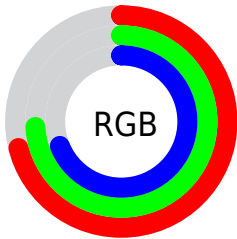
Format	Color
RYB	175, 188, 182
Decimal	11910319
CIELab	75.38, -4.83, 5.73
CIELCh	75, 7.498, 130.152
Yxy	48.8853, 0.3169, 0.3460
Android (android.graphics.Color)	4290100399 (0xFFB5BCAF)
YUV	184.4250, -4.6465, -3.0037
Hunter-Lab	69.9180, -8.0494, 8.5545

Details

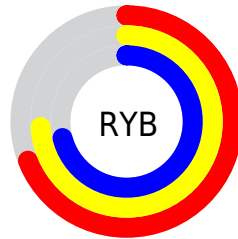
The Yxy color **48.8853, 0.3169, 0.3460** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.2342, 0.3083, 0.3121**, and the grayscale version is **48.2059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4754, 0.3160, 0.3422**, and **23.3472, 0.3173, 0.3505** is the 20% darker color. If you saturate the color by 10%, you get **47.0178, 0.3229, 0.3724**, and if you desaturate by 10%, it is **50.9491, 0.3109, 0.3218**.

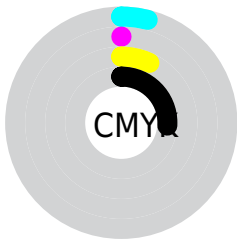
Distribution



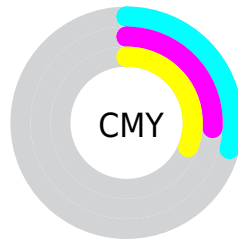
- Red (71%)
- Green (74%)
- Blue (69%)



- Red (69%)
- Yellow (74%)
- Blue (71%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (26%)





- Cyan (29%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8853, 0.3169, 0.3460 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 48.8853, 0.3169, 0.3460 by changing the saturation by 10% instead.


 48.8853, 0.3169,
0.3460

 48.8853, 0.3169,
0.3460


382.2906, 0.3149,
0.3375

 34.5285, 0.3174,
0.3481


 88.5211, 0.3162,
0.3429

 23.2999, 0.3180,
0.3509


114.5688, 0.3159,
0.3417

 14.8151, 0.3188,
0.3545


145.2824, 0.3157,
0.3408

 8.6897, 0.3199,
0.3597

181.0461, 0.3155,
0.3399

 4.5394, 0.3215,
0.3674

222.2444, 0.3153,
0.3392

 1.9796, 0.3240,
0.3802

269.2616, 0.3151,

 0.5956, 0.3469,

0.3386

0.4612

322.4822, 0.3150,
0.3380

0.0000, 0.0000,
0.0000

48.8853, 0.3169,
0.3460

48.8853, 0.3169,
0.3460

47.0178, 0.3229,
0.3724

50.9491, 0.3109,
0.3218

45.3342, 0.3286,
0.4008

53.2087, 0.3050,
0.2999

43.8301, 0.3337,
0.4306


55.6718, 0.2993,
0.2803

42.4987, 0.3379,
0.4608


58.3436, 0.2939,
0.2628


41.3325, 0.3407,
0.4903


60.2948, 0.2982,
0.2598

 40.3234, 0.3417,
0.5175

 62.0382, 0.3058,
0.2613

 39.4627, 0.3408,
0.5409

 63.8811, 0.3135,
0.2629

 38.7401, 0.3377,
0.5592

 64.4504, 0.3158,
0.2634

 38.1426, 0.3329,
0.5718

Harmonies

Analogous

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



48.8853, 0.3263, 0.3468



48.8853, 0.3169, 0.3460



48.8853, 0.3065, 0.3405

Triad

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



48.8853, 0.3169, 0.3460



48.8853, 0.2937, 0.3151



48.8853, 0.3277, 0.3261

Complementary

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



48.8853, 0.3169, 0.3460



44.2342, 0.3083, 0.3121

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.



48.8853, 0.3188, 0.3180



48.8853, 0.3169, 0.3460



48.8853, 0.2992, 0.3116

Square

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



48.8853, 0.3169, 0.3460



48.8853, 0.2932, 0.3224



48.8853, 0.3083, 0.3127



48.8853, 0.3326, 0.3351

Rectangle

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



48.8853, 0.3169, 0.3460



48.8853, 0.3004, 0.3348



48.8853, 0.3083, 0.3127



48.8853, 0.3251, 0.3232

Sweetspot

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



48.8874, 0.3169, 0.3460



90.3749, 0.3139, 0.3339



47.2162, 0.3235, 0.3380



19.4431, 0.3139, 0.3336



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.



48.8874, 0.3169, 0.3460



88.1644, 0.3176, 0.3491



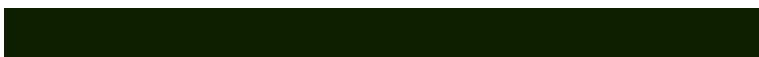
48.1952, 0.3116, 0.3457



10.8591, 0.3184, 0.3522



25.8974, 0.3322, 0.5744



1.0533, 0.3515, 0.5591

Inverse Universe

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



44.2342, 0.3083, 0.3121



78.3428, 0.3075, 0.3090



44.9614, 0.3139, 0.3129



9.4719, 0.3066, 0.3059



4.4164, 0.2113, 0.0938



0.2115, 0.2368, 0.1078

Previews

White Background



This preview shows how the Yxy color 48.8853, 0.3169, 0.3460 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 48.8853, 0.3169, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

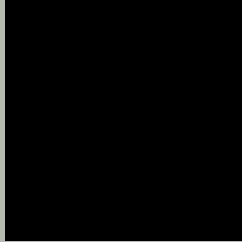
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

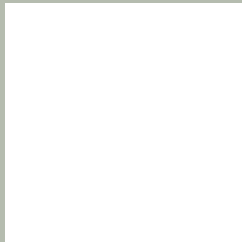
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.8853, 0.3169, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 48.8853, 0.3169, 0.3460.



This preview shows how white text looks on a background with the Yxy color 48.8853, 0.3169, 0.3460.

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

48.8853, 0.3169, 0.3460

Protanopia

48.9215, 0.3282, 0.3443

Deuteranopia

48.6799, 0.3391, 0.3315



Tritanopia

48.7188, 0.3021, 0.3101

Trichromacy



Original Color

48.8853, 0.3169, 0.3460

Protanomaly

48.8652, 0.3238, 0.3445

Deuteranomaly

48.5963, 0.3314, 0.3366

Tritanomaly

48.6060, 0.3080, 0.3226

Monochromacy



Original Color

48.8853, 0.3169, 0.3460

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.1014, 0.3142, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8853, 0.3169, 0.3460 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, 188, 175)` looks like.

```
.text, #text, p{  
    color:rgb(181, 188, 175)  
}
```

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, 188, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 188, 175) }
```

Border

The CSS property to change the border of an element to Yxy 48.8853, 0.3169, 0.3460 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, 188, 175) }
```

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

```
.border{ border-color:rgb(181, 188, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 188, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 188, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 188, 175);  
box-shadow:4px 4px 4px 4px rgb(181, 188,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8853, 0.3169, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 188, 175) }
```

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

```
.background{ background-color: rgb(181,  
188, 175) }
```

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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