

Converting Colors

Yxy(47.8659, 0.3128, 0.3449)

Have a look what the booklet for
Yxy(47.8659, 0.3128, 0.3449)
contains.

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Color

Yxy(47.8659, 0.3128, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	B0BBAF
RGB	176, 187, 175
RGB Percent	69%, 73%, 69%
CMY	0.3098, 0.2666, 0.3137
CMYK	0.06, 0.00, 0.06, 0.27
HSL	115°, 8%, 71%
HSV	115°, 6%, 73%
XYZ	43.4110, 47.8659, 47.5051
YIQ	182.3430, -2.7040, -6.0640

Conversions

Conversions Part 2

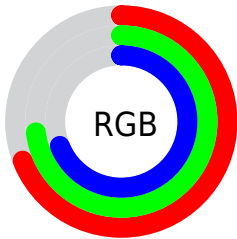
Format	Color
RYB	175, 187, 186
Decimal	11582383
CIELab	74.74, -6.07, 4.76
CIELCh	75, 7.710, 141.885
Yxy	47.8659, 0.3128, 0.3449
Android (android.graphics.Color)	4289772463 (0xFFB0BBAF)
YUV	182.3430, -3.6201, -5.5628
Hunter-Lab	69.1852, -9.0723, 7.7190

Details

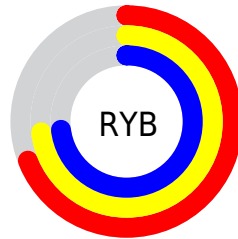
The Yxy color **47.8659, 0.3128, 0.3449** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.6861, 0.3126, 0.3135**, and the grayscale version is **46.9973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0265, 0.3128, 0.3413**, and **22.6912, 0.3118, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **45.3094, 0.3128, 0.3723**, and if you desaturate by 10%, it is **50.7807, 0.3126, 0.3207**.

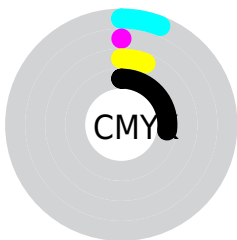
Distribution



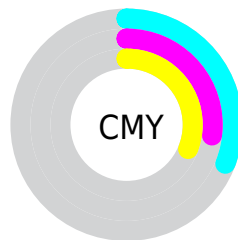
- Red (69%)
- Green (73%)
- Blue (69%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8659, 0.3128, 0.3449 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 47.8659, 0.3128, 0.3449 by changing the saturation by 10% instead.


 47.8659, 0.3128,
0.3449

 47.8659, 0.3128,
0.3449


378.2603, 0.3128,
0.3369

 33.7207, 0.3128,
0.3469


 87.0047, 0.3128,
0.3420

 22.6791, 0.3128,
0.3495


112.7671, 0.3128,
0.3409

 14.3568, 0.3127,
0.3530


143.1707, 0.3128,
0.3400

 8.3692, 0.3126,
0.3579

178.5999, 0.3128,
0.3392

 4.3321, 0.3124,
0.3653

219.4390, 0.3128,
0.3385

 1.8610, 0.3120,
0.3778

266.0726, 0.3128,


 0.5248, 0.3148,


0.3379


0.4710


318.8849, 0.3128,
0.3374


 0.0000, 0.0000,
0.0000

 47.8659, 0.3128,
0.3449


 47.8659, 0.3128,
0.3449


 45.3094, 0.3128,
0.3723


 50.7807, 0.3126,
0.3207


 43.0915, 0.3126,
0.4028


 54.0604, 0.3124,
0.2996


 41.1998, 0.3120,
0.4360

 57.7192, 0.3120,
0.2813

 39.6190, 0.3112,
0.4706

 61.7688, 0.3116,
0.2655

 38.3323, 0.3099,
0.5051

 64.0236, 0.3158,
0.2624

■ 37.3215, 0.3083,
0.5371

■ 36.5663, 0.3063,
0.5641

■ 36.0436, 0.3042,
0.5838

■ 35.7253, 0.3023,
0.5955

Harmonies

Analogous

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



47.8659, 0.3233, 0.3477



47.8659, 0.3128, 0.3449



47.8659, 0.3024, 0.3376

Triad

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



47.8659, 0.3128, 0.3449



47.8659, 0.2947, 0.3126



47.8659, 0.3308, 0.3297

Complementary

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



47.8659, 0.3128, 0.3449



44.6861, 0.3126, 0.3135

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.



47.8659, 0.3229, 0.3206



47.8659, 0.3128, 0.3449



47.8659, 0.3020, 0.3109

Square

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



47.8659, 0.3128, 0.3449



47.8659, 0.2921, 0.3188



47.8659, 0.3124, 0.3138



47.8659, 0.3338, 0.3387

Rectangle

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



47.8659, 0.3128, 0.3449



47.8659, 0.2970, 0.3313



47.8659, 0.3124, 0.3138



47.8659, 0.3287, 0.3265

Sweetspot

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



47.8680, 0.3128, 0.3449



87.9353, 0.3127, 0.3339



48.7809, 0.3222, 0.3432



19.3766, 0.3127, 0.3336



95.5105, 0.3127, 0.3290



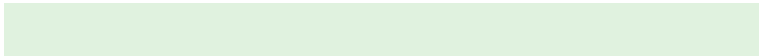
19.5994, 0.3127, 0.3290

Same Dimension

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



47.8680, 0.3128, 0.3449



84.8984, 0.3128, 0.3494



47.9522, 0.3082, 0.3382



10.6865, 0.3128, 0.3526



24.5746, 0.3022, 0.5983



0.9756, 0.3103, 0.5918

Inverse Universe

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



44.6861, 0.3126, 0.3135



77.7688, 0.3125, 0.3093



44.6011, 0.3176, 0.3199



9.6548, 0.3125, 0.3063



8.4869, 0.3003, 0.1428



0.3445, 0.3056, 0.1457

Previews

White Background



This preview shows how the Yxy color 47.8659, 0.3128, 0.3449 looks on a white background.

Color Contrast Check

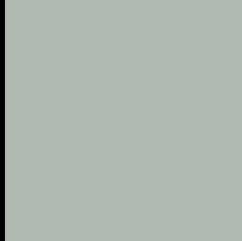
Large Text (above 18pt) WCAG AA × Fail

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 47.8659, 0.3128, 0.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

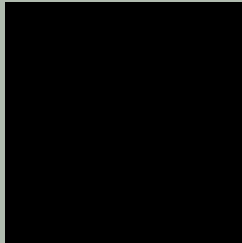
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

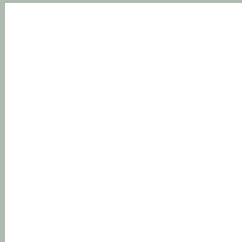
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.8659, 0.3128, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 47.8659, 0.3128, 0.3449.



This preview shows how white text looks on a background with the Yxy color 47.8659, 0.3128, 0.3449.

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

47.8659, 0.3128, 0.3449

Protanopia

47.8313, 0.3267, 0.3419

Deuteranopia

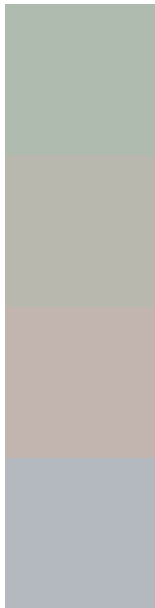
47.8525, 0.3366, 0.3303



Tritanopia

48.0615, 0.2988, 0.3111

Trichromacy



Original Color

47.8659, 0.3128, 0.3449

Protanomaly

47.6513, 0.3215, 0.3420

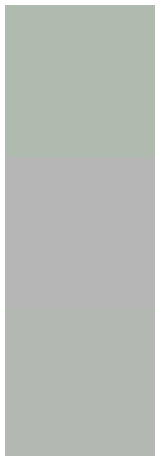
Deuteranomaly

47.6517, 0.3281, 0.3354

Tritanomaly

47.9993, 0.3039, 0.3225

Monochromacy



Original Color

47.8659, 0.3128, 0.3449

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.2390, 0.3133, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8659, 0.3128, 0.3449 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, 187, 175)` looks like.

```
.text, #text, p{  
    color:rgb(176, 187, 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(176, 187, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 187, 175) }
```

Border

The CSS property to change the border of an element to Yxy 47.8659, 0.3128, 0.3449 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, 187, 175) }
```

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

```
.border{ border-color:rgb(176, 187, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 187, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 187, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 187, 175);  
box-shadow:4px 4px 4px 4px rgb(176, 187,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8659, 0.3128, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 187, 175) }
```

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

```
.background{ background-color: rgb(176,  
187, 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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