

Converting Colors

$Yxy(47.9845, 0.3045, 0.3450)$

Have a look what the booklet for
Yxy(47.9845, 0.3045, 0.3450)
contains.

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Color

Yxy(47.8943, 0.3047, 0.3451)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A8BDB1 |
| RGB | 168, 189, 177 |
| RGB Percent | 66%, 74%, 69% |
| CMY | 0.3410, 0.2588, 0.3059 |
| CMYK | 0.11, 0.00, 0.06, 0.26 |
| HSL | 146°, 14%, 70% |
| HSV | 146°, 11%, 74% |
| XYZ | 42.2874, 47.8943, 48.6021 |
| YIQ | 181.3530, -8.6640, -8.1840 |

Conversions

Conversions Part 2

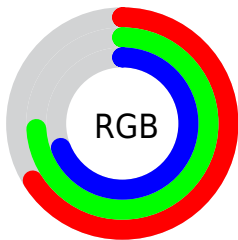
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 168, 183, 189 |
| Decimal | 11058609 |
| CIE Lab | 74.76, -9.49, 3.63 |
| CIE LCh | 75, 10.165, 159.071 |
| Yxy | 47.8943, 0.3047, 0.3451 |
| Android (android.graphics.Color) | 4289248689 (0xFFA8BDB1) |
| YUV | 181.3530, -2.1460, -11.7106 |
| Hunter-Lab | 69.2057, -12.0394, 6.8055 |

Details

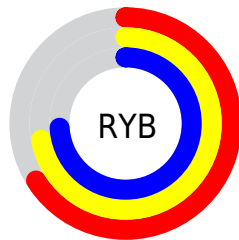
The Yxy color **47.8943, 0.3047, 0.3451** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1375, 0.3216, 0.3134**, and the grayscale version is **46.4290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8760, 0.3058, 0.3415**, and **22.7766, 0.3029, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **45.5548, 0.2977, 0.3614**, and if you desaturate by 10%, it is **50.5737, 0.3119, 0.3305**.

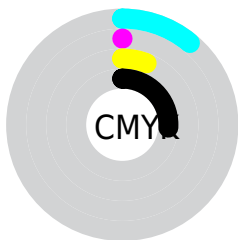
Distribution



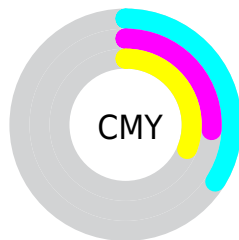
- Red (66%)
- Green (74%)
- Blue (69%)



- Red (66%)
- Yellow (72%)
- Blue (74%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (26%)




- Cyan (34%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8943, 0.3047, 0.3451 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 47.8943, 0.3047, 0.3451 by changing the saturation by 10% instead.


 47.8943, 0.3047,
0.3451


 47.8943, 0.3047,
0.3451


378.3730, 0.3087,
0.3370

 33.7432, 0.3037,
0.3471

 87.0470, 0.3062,
0.3421

 22.6964, 0.3024,
0.3498


 112.8174, 0.3067,
0.3410

 14.3695, 0.3006,
0.3533


143.2297, 0.3072,
0.3401

 8.3781, 0.2981,
0.3583

178.6682, 0.3076,
0.3393

 4.3378, 0.2944,
0.3659

219.5174, 0.3079,
0.3386

 1.8643, 0.2880,
0.3787

266.1617, 0.3082,

 0.5268, 0.2411,

0.3380

0.4723

318.9854, 0.3085,
0.3375

0.0000, 0.0000,
0.0000

47.8943, 0.3047,
0.3451

47.8943, 0.3047,
0.3451

45.5548, 0.2977,
0.3614

50.5737, 0.3119,
0.3305

43.5353, 0.2910,
0.3795

53.5998, 0.3192,
0.3175

41.8232, 0.2851,
0.3992


56.9868, 0.3263,
0.3061

40.4026, 0.2801,
0.4202


60.7465, 0.3331,
0.2961

39.2562, 0.2766,
0.4422


63.4312, 0.3337,
0.2865


 38.3645, 0.2746,
0.4646


 64.0631, 0.3254,
0.2762

 37.7058, 0.2745,
0.4866

 64.7336, 0.3173,
0.2663

 37.2541, 0.2763,
0.5075

 64.8728, 0.3157,
0.2644

 36.9817, 0.2791,
0.5248

Harmonies

Analogous

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



47.8943, 0.3189, 0.3525



47.8943, 0.3047, 0.3451



47.8943, 0.2929, 0.3331

Triad

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



47.8943, 0.3047, 0.3451



47.8943, 0.2939, 0.3054



47.8943, 0.3398, 0.3367

Complementary

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



47.8943, 0.3047, 0.3451



42.1375, 0.3216, 0.3134

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.



47.8943, 0.3328, 0.3245



47.8943, 0.3047, 0.3451



47.8943, 0.3061, 0.3068

Square

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



47.8943, 0.3047, 0.3451



47.8943, 0.2867, 0.3102



47.8943, 0.3204, 0.3137



47.8943, 0.3393, 0.3473

Rectangle

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



47.8943, 0.3047, 0.3451



47.8943, 0.2878, 0.3244



47.8943, 0.3204, 0.3137



47.8943, 0.3383, 0.3327

Sweetspot

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



47.8963, 0.3047, 0.3451



89.5934, 0.3105, 0.3332



48.9569, 0.3216, 0.3566



19.1806, 0.3099, 0.3344



95.5105, 0.3127, 0.3290



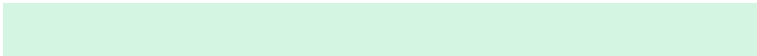
19.5994, 0.3127, 0.3290

Same Dimension

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



47.8963, 0.3047, 0.3451



84.8480, 0.3032, 0.3484



48.3211, 0.2972, 0.3313



10.7154, 0.3059, 0.3424



24.8987, 0.2785, 0.5224



0.9884, 0.2650, 0.4740

Inverse Universe

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



42.1375, 0.3216, 0.3134



72.7349, 0.3235, 0.3103



41.7344, 0.3307, 0.3268



9.6256, 0.3201, 0.3159



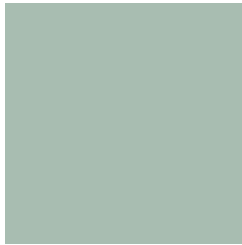
8.0283, 0.4630, 0.2324



0.3273, 0.4202, 0.2089

Previews

White Background



This preview shows how the Yxy color 47.8943, 0.3047, 0.3451 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 47.8943, 0.3047, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

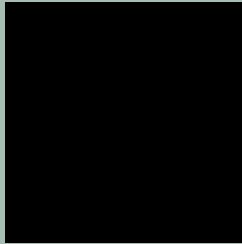
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

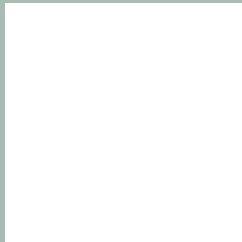
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.8943, 0.3047, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 47.8943, 0.3047, 0.3451.



This preview shows how white text looks on a background with the Yxy color 47.8943, 0.3047, 0.3451.

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

47.8943, 0.3047, 0.3451

Protanopia

47.7418, 0.3251, 0.3406

Deuteranopia

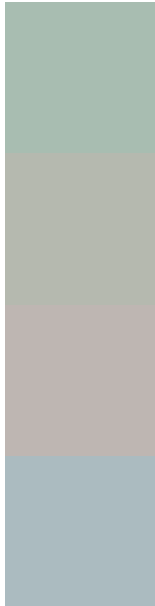
47.7920, 0.3340, 0.3278



Tritanopia

48.0586, 0.2910, 0.3108

Trichromacy



Original Color

47.8943, 0.3047, 0.3451

Protanomaly

47.6168, 0.3172, 0.3421

Deuteranomaly

47.6174, 0.3228, 0.3342

Tritanomaly

48.0043, 0.2960, 0.3224

Monochromacy



Original Color

47.8943, 0.3047, 0.3451

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.8064, 0.3091, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8943, 0.3047, 0.3451 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(168, 189, 177)` looks like.

```
.text, #text, p{  
    color:rgb(168, 189, 177)  
}
```

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(168, 189, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 189, 177) }
```

Border

The CSS property to change the border of an element to Yxy 47.8943, 0.3047, 0.3451 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(168, 189, 177) }
```

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

```
.border{ border-color:rgb(168, 189, 177) }
```

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

Here you see how a box with a 4 pixel rgb(168, 189, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 189, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 189, 177);  
box-shadow:4px 4px 4px 4px rgb(168, 189,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8943, 0.3047, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 189, 177) }
```

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

```
.background{ background-color: rgb(168,  
189, 177) }
```

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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