

Converting Colors

$Yxy(48.4198, 0.3002, 0.3396)$

Have a look what the booklet for
Yxy(48.4198, 0.3002, 0.3396)
contains.

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Color

Yxy(48.4198, 0.3002, 0.3396)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A7BEB6 |
| RGB | 167, 190, 182 |
| RGB Percent | 65%, 75%, 71% |
| CMY | 0.3449, 0.2549, 0.2862 |
| CMYK | 0.12, 0.00, 0.04, 0.25 |
| HSL | 159°, 15%, 70% |
| HSV | 159°, 12%, 75% |
| XYZ | 42.8022, 48.4198, 51.3569 |
| YIQ | 182.2110, -11.1400, -7.3640 |

Conversions

Conversions Part 2

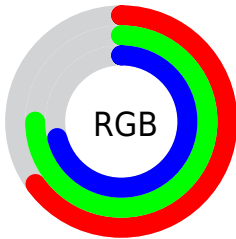
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 167, 181, 190 |
| Decimal | 10993334 |
| CIE Lab | 75.09, -9.38, 1.37 |
| CIE LCh | 75, 9.476, 171.710 |
| Yxy | 48.4198, 0.3002, 0.3396 |
| Android (android.graphics.Color) | 4289183414 (0xFFA7BEB6) |
| YUV | 182.2110, -0.1040, -13.3400 |
| Hunter-Lab | 69.5843, -11.9750, 4.9499 |

Details

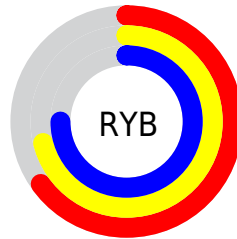
The Yxy color **48.4198, 0.3002, 0.3396** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.6966, 0.3271, 0.3186**, and the grayscale version is **46.9109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6142, 0.3022, 0.3373**, and **23.1211, 0.2970, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **46.2351, 0.2903, 0.3494**, and if you desaturate by 10%, it is **50.9255, 0.3105, 0.3307**.

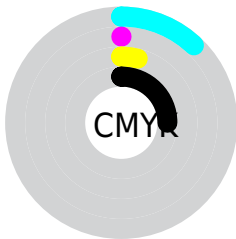
Distribution



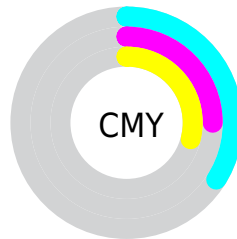
- Red (65%)
- Green (75%)
- Blue (71%)



- Red (65%)
- Yellow (71%)
- Blue (75%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)





- Cyan (34%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4198, 0.3002, 0.3396 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 48.4198, 0.3002, 0.3396 by changing the saturation by 10% instead.


 48.4198, 0.3002,
0.3396


 48.4198, 0.3002,
0.3396

380.4537, 0.3064,
0.3343

 34.1595, 0.2986,
0.3409


 87.8291, 0.3025,
0.3377

 23.0161, 0.2967,
0.3426


 113.7469, 0.3033,
0.3370

 14.6054, 0.2940,
0.3449


144.3192, 0.3040,
0.3363

 8.5429, 0.2903,
0.3481

179.9306, 0.3047,
0.3358

 4.4443, 0.2848,
0.3528

220.9653, 0.3052,
0.3354

 1.9251, 0.2758,
0.3607

267.8078, 0.3057,

 0.5634, 0.2209,

0.3350

0.4059

320.8425, 0.3061,
0.3346

0.0000, 0.0000,
0.0000

48.4198, 0.3002,
0.3396

48.4198, 0.3002,
0.3396

46.2351, 0.2903,
0.3494

50.9255, 0.3105,
0.3307

44.3518, 0.2811,
0.3601

53.7586, 0.3211,
0.3228

42.7577, 0.2729,
0.3717

56.9330, 0.3316,
0.3157

41.4372, 0.2660,
0.3840

60.4601, 0.3420,
0.3095

40.3733, 0.2606,
0.3969

62.9901, 0.3465,
0.3035

■ 39.5470, 0.2572,
0.4101

■ 63.3363, 0.3412,
0.2969

■ 38.9365, 0.2556,
0.4235

■ 63.6963, 0.3359,
0.2904

■ 38.5159, 0.2561,
0.4367

■ 64.0704, 0.3308,
0.2840

■ 38.2781, 0.2575,
0.4471

■ 64.4585, 0.3258,
0.2778

Harmonies

Analogous

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



48.4198, 0.3129, 0.3486



48.4198, 0.3002, 0.3396



48.4198, 0.2910, 0.3277

Triad

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



48.4198, 0.3002, 0.3396



48.4198, 0.2996, 0.3069



48.4198, 0.3386, 0.3407

Complementary

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



48.4198, 0.3002, 0.3396



41.6966, 0.3271, 0.3186

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.



48.4198, 0.3349, 0.3297



48.4198, 0.3002, 0.3396



48.4198, 0.3122, 0.3105

Square

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



48.4198, 0.3002, 0.3396



48.4198, 0.2906, 0.3090



48.4198, 0.3251, 0.3187



48.4198, 0.3352, 0.3490

Rectangle

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



48.4198, 0.3002, 0.3396



48.4198, 0.2880, 0.3200



48.4198, 0.3251, 0.3187



48.4198, 0.3381, 0.3372

Sweetspot

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



48.4218, 0.3002, 0.3396



91.3453, 0.3085, 0.3324



48.7376, 0.3179, 0.3596



19.9801, 0.3077, 0.3331



97.7402, 0.3127, 0.3290



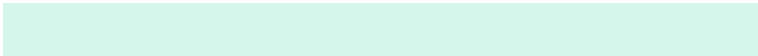
20.4902, 0.3127, 0.3290

Same Dimension

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



48.4218, 0.3002, 0.3396



86.8570, 0.2980, 0.3416



47.2876, 0.2944, 0.3244



10.7517, 0.3030, 0.3371



25.4708, 0.2570, 0.4453



1.0096, 0.2483, 0.4140

Inverse Universe

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



41.6966, 0.3271, 0.3186



72.7087, 0.3300, 0.3167



42.6709, 0.3336, 0.3336



9.5896, 0.3235, 0.3211



7.5543, 0.5558, 0.2835



0.3084, 0.4881, 0.2462

Previews

White Background



This preview shows how the Yxy color 48.4198, 0.3002, 0.3396 looks on a white background.

Color Contrast Check

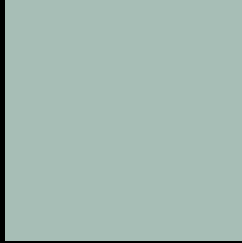
Large Text (above 18pt) WCAG AA × Fail

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 48.4198, 0.3002, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

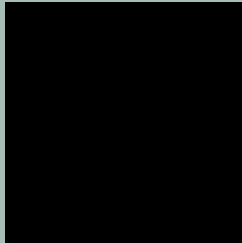
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

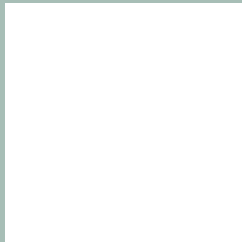
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4198, 0.3002, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 48.4198, 0.3002, 0.3396.



This preview shows how white text looks on a background with the Yxy color 48.4198, 0.3002, 0.3396.

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

48.4198, 0.3002, 0.3396

Protanopia

48.3545, 0.3209, 0.3354

Deuteranopia

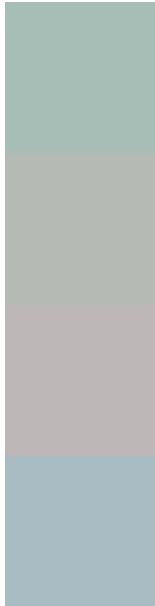
48.2574, 0.3287, 0.3229



Tritanopia

48.3510, 0.2882, 0.3096

Trichromacy



Original Color

48.4198, 0.3002, 0.3396

Protanomaly

48.2369, 0.3132, 0.3368

Deuteranomaly

48.1047, 0.3178, 0.3290

Tritanomaly

48.3416, 0.2924, 0.3198

Monochromacy



Original Color

48.4198, 0.3002, 0.3396

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.4224, 0.3084, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4198, 0.3002, 0.3396 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(167, 190, 182)` looks like.

```
.text, #text, p{  
    color:rgb(167, 190, 182)  
}
```

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(167, 190, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 190, 182) }
```

Border

The CSS property to change the border of an element to Yxy 48.4198, 0.3002, 0.3396 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(167, 190, 182) }
```

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

```
.border{ border-color:rgb(167, 190, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 190, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 190, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 190, 182);  
box-shadow:4px 4px 4px 4px rgb(167, 190,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4198, 0.3002, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 190, 182) }
```

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

```
.background{ background-color: rgb(167,  
190, 182) }
```

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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