

Converting Colors

$Yxy(48.5173, 0.3010, 0.3397)$

Have a look what the booklet for
Yxy(48.5173, 0.3010, 0.3397)
contains.

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Color

Yxy(48.5291, 0.3010, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	A8BEB6
RGB	168, 190, 182
RGB Percent	66%, 75%, 71%
CMY	0.3410, 0.2549, 0.2863
CMYK	0.12, 0.00, 0.04, 0.25
HSL	158°, 14%, 70%
HSV	158°, 12%, 75%
XYZ	43.0131, 48.5291, 51.3585
YIQ	182.5100, -10.5440, -7.1520

Conversions

Conversions Part 2

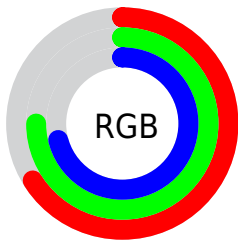
Format	Color
RYB	168, 181, 190
Decimal	11058870
CIELab	75.16, -9.04, 1.48
CIELCh	75, 9.165, 170.690
Yxy	48.5291, 0.3010, 0.3396
Android (android.graphics.Color)	4289248950 (0xFFA8BEB6)
YUV	182.5100, -0.2514, -12.7253
Hunter-Lab	69.6628, -11.6956, 5.0528

Details

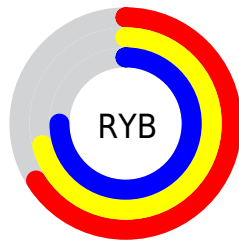
The Yxy color **48.5291, 0.3010, 0.3396** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1050, 0.3261, 0.3186**, and the grayscale version is **47.0827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7726, 0.3028, 0.3372**, and **23.1893, 0.2980, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **46.3163, 0.2913, 0.3498**, and if you desaturate by 10%, it is **51.0648, 0.3111, 0.3303**.

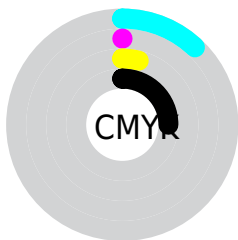
Distribution



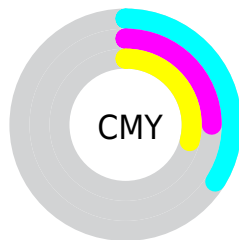
- Red (66%)
- Green (75%)
- Blue (71%)



- Red (66%)
- 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 48.5291, 0.3010, 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 48.5291, 0.3010, 0.3396 by changing the saturation by 10% instead.


 48.5291, 0.3010,
0.3396

 48.5291, 0.3010,
0.3396


380.8855, 0.3068,
0.3343

 34.2461, 0.2995,
0.3409


 87.9917, 0.3031,
0.3377

 23.0827, 0.2977,
0.3426


 113.9400, 0.3039,
0.3370

 14.6546, 0.2952,
0.3449


144.5455, 0.3046,
0.3363

 8.5773, 0.2918,
0.3481

180.1927, 0.3052,
0.3358

 4.4665, 0.2866,
0.3528

221.2659, 0.3057,
0.3354

 1.9378, 0.2781,
0.3607

268.1495, 0.3061,

 0.5710, 0.2282,

0.3350

0.4047

321.2279, 0.3065,
0.3346

0.0000, 0.0000,
0.0000

48.5291, 0.3010,
0.3396

48.5291, 0.3010,
0.3396

46.3163, 0.2913,
0.3498

51.0648, 0.3111,
0.3303

44.4069, 0.2822,
0.3611

53.9298, 0.3214,
0.3221

42.7887, 0.2741,
0.3732

57.1381, 0.3317,
0.3147

41.4461, 0.2673,
0.3861

60.7008, 0.3418,
0.3082

40.3622, 0.2620,
0.3996

63.0712, 0.3452,
0.3019

■ 39.5180, 0.2585,
0.4135

■ 63.4376, 0.3397,
0.2950

■ 38.8919, 0.2571,
0.4276

■ 63.8194, 0.3342,
0.2883

■ 38.4583, 0.2576,
0.4415

■ 64.2165, 0.3289,
0.2816

■ 38.2002, 0.2592,
0.4531

■ 64.6292, 0.3236,
0.2751

Harmonies

Analogous

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



48.5291, 0.3133, 0.3481



48.5291, 0.3010, 0.3396



48.5291, 0.2919, 0.3282

Triad

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



48.5291, 0.3010, 0.3396



48.5291, 0.2996, 0.3076



48.5291, 0.3377, 0.3400

Complementary

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



48.5291, 0.3010, 0.3396



42.1050, 0.3261, 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.



48.5291, 0.3339, 0.3293



48.5291, 0.3010, 0.3396



48.5291, 0.3118, 0.3109

Square

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



48.5291, 0.3010, 0.3396



48.5291, 0.2912, 0.3098



48.5291, 0.3243, 0.3187



48.5291, 0.3346, 0.3481

Rectangle

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



48.5291, 0.3010, 0.3396



48.5291, 0.2889, 0.3206



48.5291, 0.3243, 0.3187



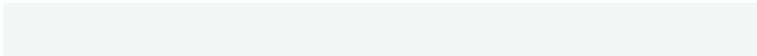
48.5291, 0.3372, 0.3366

Sweetspot

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



48.5311, 0.3010, 0.3396



91.8199, 0.3096, 0.3317



48.8934, 0.3180, 0.3581



20.0776, 0.3088, 0.3324



97.7402, 0.3127, 0.3290



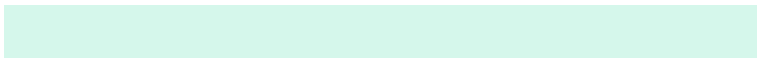
20.4902, 0.3127, 0.3290

Same Dimension

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



48.5311, 0.3010, 0.3396



86.8238, 0.2983, 0.3422



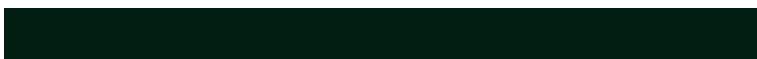
47.6161, 0.2952, 0.3251



10.7490, 0.3032, 0.3375



25.4189, 0.2587, 0.4513



1.0078, 0.2496, 0.4184

Inverse Universe

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



42.1050, 0.3261, 0.3186



72.7400, 0.3296, 0.3161



42.8910, 0.3327, 0.3329



9.5922, 0.3233, 0.3207



7.5800, 0.5493, 0.2800



0.3096, 0.4829, 0.2434

Previews

White Background



This preview shows how the Yxy color 48.5291, 0.3010, 0.3396 looks on a white background.

Color Contrast Check

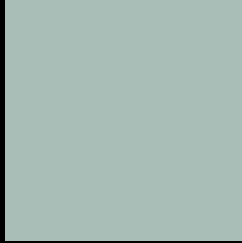
Large Text (above 18pt) WCAG AA × Fail

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 48.5291, 0.3010, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

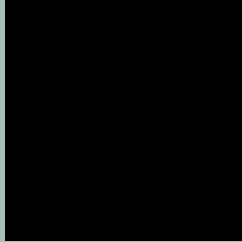
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

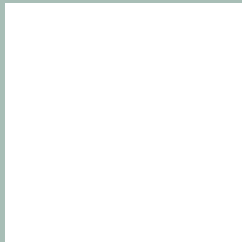
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5291, 0.3010, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 48.5291, 0.3010, 0.3396.



This preview shows how white text looks on a background with the Yxy color 48.5291, 0.3010, 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

48.5291, 0.3010, 0.3396

Protanopia

48.3545, 0.3209, 0.3354

Deuteranopia

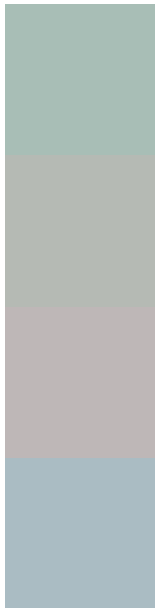
48.3974, 0.3296, 0.3229



Tritanopia

48.4628, 0.2889, 0.3096

Trichromacy



Original Color

48.5291, 0.3010, 0.3396

Protanomaly

48.2369, 0.3132, 0.3368

Deuteranomaly

48.2330, 0.3187, 0.3290

Tritanomaly

48.4526, 0.2931, 0.3198

Monochromacy



Original Color

48.5291, 0.3010, 0.3396

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.0017, 0.3084, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5291, 0.3010, 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(168, 190, 182)` looks like.

```
.text, #text, p{  
    color:rgb(168, 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(168, 190, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 190, 182) }
```

Border

The CSS property to change the border of an element to Yxy 48.5291, 0.3010, 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(168, 190, 182) }
```

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

```
.border{ border-color:rgb(168, 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(168, 190, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 190, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 190, 182);  
box-shadow:4px 4px 4px 4px rgb(168, 190,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5291, 0.3010, 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(168, 190, 182) }
```

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

```
.background{ background-color: rgb(168,  
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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