

Converting Colors

$Y_{xy}(49.1579, 0.3043, 0.3572)$

Have a look what the booklet for
Yxy(49.1579, 0.3043, 0.3572)
contains.

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Color

Yxy(49.0496, 0.3043, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	A4C1AD
RGB	164, 193, 173
RGB Percent	64%, 76%, 68%
CMY	0.3568, 0.2431, 0.3215
CMYK	0.15, 0.00, 0.10, 0.24
HSL	139°, 19%, 70%
HSV	139°, 15%, 76%
XYZ	41.9264, 49.0496, 46.8038
YIQ	182.0490, -10.8640, -12.3680

Conversions

Conversions Part 2

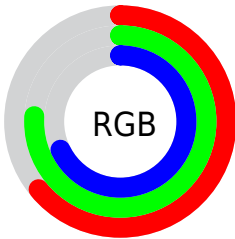
Format	Color
RYB	164, 186, 193
Decimal	10797485
CIELab	75.48, -13.70, 6.79
CIELCh	75, 15.293, 153.650
Yxy	49.0496, 0.3043, 0.3560
Android (android.graphics.Color)	4288987565 (0xFFA4C1AD)
YUV	182.0490, -4.4612, -15.8290
Hunter-Lab	70.0354, -15.7038, 9.4020

Details

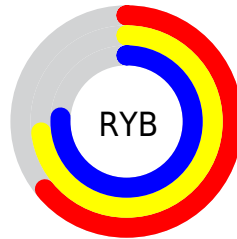
The Yxy color **49.0496, 0.3043, 0.3560** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.3539, 0.3223, 0.3034**, and the grayscale version is **46.8394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4129, 0.3060, 0.3510**, and **23.2905, 0.3016, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **46.6618, 0.2989, 0.3767**, and if you desaturate by 10%, it is **51.8045, 0.3099, 0.3375**.

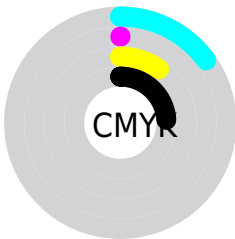
Distribution



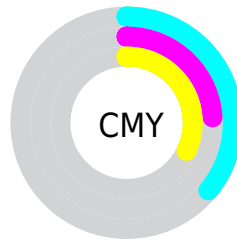
- Red (64%)
- Green (76%)
- Blue (68%)



- Red (64%)
- Yellow (73%)
- Blue (76%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)




- Cyan (36%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0496, 0.3043, 0.3560 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 49.0496, 0.3043, 0.3560 by changing the saturation by 10% instead.

 49.0496, 0.3043,
0.3560


 49.0496, 0.3043,
0.3560


382.9376, 0.3086,
0.3424

 34.6588, 0.3032,
0.3595


 88.7651, 0.3059,
0.3510

 23.4002, 0.3018,
0.3639


 114.8586, 0.3065,
0.3491

 14.8893, 0.2998,
0.3699


145.6219, 0.3070,
0.3476

 8.7417, 0.2971,
0.3784

181.4392, 0.3074,
0.3462

 4.5731, 0.2928,
0.3913

222.6951, 0.3078,
0.3451

 1.9990, 0.2854,
0.4132

269.7738, 0.3081,

 0.6069, 0.2340,

0.3441

0.5861

323.0598, 0.3084,
0.3432

0.0000, 0.0000,
0.0000

49.0496, 0.3043,
0.3560

49.0496, 0.3043,
0.3560

46.6618, 0.2989,
0.3767

51.8045, 0.3099,
0.3375

44.6192, 0.2938,
0.3995

54.9347, 0.3155,
0.3211

42.9075, 0.2894,
0.4242

58.4561, 0.3209,
0.3067

41.5085, 0.2859,
0.4502

62.3817, 0.3262,
0.2942

40.4025, 0.2837,
0.4767

65.6630, 0.3269,
0.2826

■ 39.5673, 0.2831,
0.5026

■ 66.4808, 0.3171,
0.2702

■ 38.9774, 0.2841,
0.5268

■ 66.6196, 0.3156,
0.2683

■ 38.6022, 0.2867,
0.5481

■ 38.4656, 0.2882,
0.5575

Harmonies

Analogous

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



49.0496, 0.3254, 0.3654



49.0496, 0.3043, 0.3560



49.0496, 0.2859, 0.3386

Triad

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



49.0496, 0.3043, 0.3560



49.0496, 0.2821, 0.2946



49.0496, 0.3523, 0.3369

Complementary

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



49.0496, 0.3043, 0.3560



41.3539, 0.3223, 0.3034

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.



49.0496, 0.3399, 0.3191



49.0496, 0.3043, 0.3560



49.0496, 0.2991, 0.2952

Square

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



49.0496, 0.3043, 0.3560



49.0496, 0.2734, 0.3030



49.0496, 0.3202, 0.3041



49.0496, 0.3536, 0.3534

Rectangle

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



49.0496, 0.3043, 0.3560



49.0496, 0.2774, 0.3254



49.0496, 0.3202, 0.3041



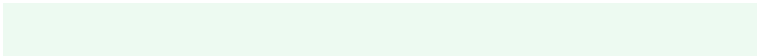
49.0496, 0.3492, 0.3309

Sweetspot

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



49.0517, 0.3043, 0.3560



92.7515, 0.3099, 0.3376



51.0484, 0.3276, 0.3666



19.8187, 0.3095, 0.3388



97.7402, 0.3127, 0.3290



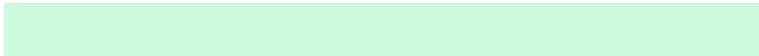
20.4902, 0.3127, 0.3290

Same Dimension

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



49.0517, 0.3043, 0.3560



86.3857, 0.3025, 0.3625



49.6302, 0.2942, 0.3366



11.3092, 0.3075, 0.3453



25.5972, 0.2875, 0.5552



1.1186, 0.2744, 0.5078

Inverse Universe

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



41.3539, 0.3223, 0.3034



69.9804, 0.3247, 0.2977



40.7888, 0.3351, 0.3215



10.1925, 0.3184, 0.3133



8.6823, 0.4174, 0.2073



0.3871, 0.3910, 0.1927

Previews

White Background



This preview shows how the Yxy color 49.0496, 0.3043, 0.3560 looks on a white background.

Color Contrast Check

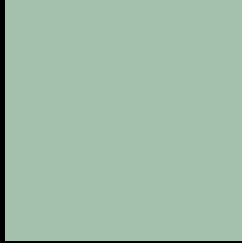
Large Text (above 18pt) WCAG AA × Fail

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 49.0496, 0.3043, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

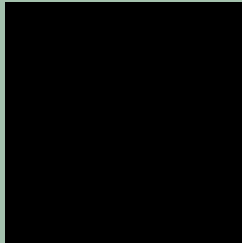
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

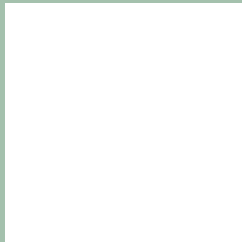
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.0496, 0.3043, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 49.0496, 0.3043, 0.3560.

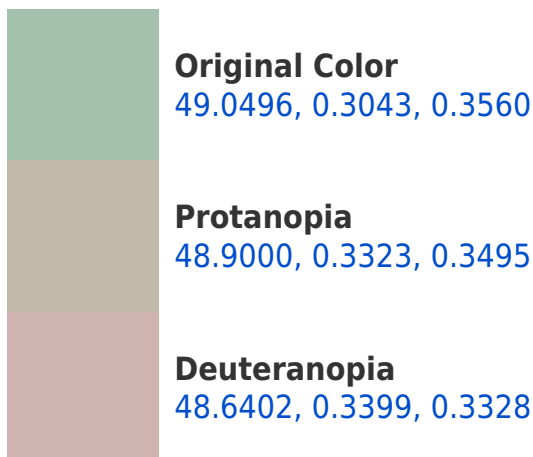


This preview shows how white text looks on a background with the Yxy color 49.0496, 0.3043, 0.3560.

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





Tritanopia

49.1898, 0.2861, 0.3096

Trichromacy



Original Color

49.0496, 0.3043, 0.3560

Protanomaly

48.8138, 0.3216, 0.3526

Deuteranomaly

48.4525, 0.3259, 0.3405

Tritanomaly

48.8927, 0.2923, 0.3250

Monochromacy



Original Color

49.0496, 0.3043, 0.3560

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.4864, 0.3090, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0496, 0.3043, 0.3560 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(164, 193, 173)` looks like.

```
.text, #text, p{  
    color:rgb(164, 193, 173)  
}
```

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(164, 193, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 193, 173) }
```

Border

The CSS property to change the border of an element to Yxy 49.0496, 0.3043, 0.3560 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(164, 193, 173) }
```

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

```
.border{ border-color:rgb(164, 193, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 193, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 193, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 193, 173);  
box-shadow:4px 4px 4px 4px rgb(164, 193,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0496, 0.3043, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 193, 173) }
```

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

```
.background{ background-color: rgb(164,  
193, 173) }
```

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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