

Converting Colors

$Yxy(49.3170, 0.2982, 0.3432)$

Have a look what the booklet for
Yxy(49.3170, 0.2982, 0.3432)
contains.

Yxy(49.4098, 0.2979, 0.3437)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.4098, 0.2979, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	A4C1B6
RGB	164, 193, 182
RGB Percent	64%, 76%, 71%
CMY	0.3567, 0.2431, 0.2864
CMYK	0.15, 0.00, 0.06, 0.24
HSL	157°, 19%, 70%
HSV	157°, 15%, 76%
XYZ	42.8257, 49.4098, 51.5231
YIQ	183.0750, -13.7530, -9.5690

Conversions

Conversions Part 2

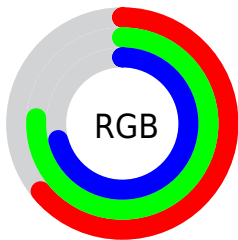
Format	Color
RYB	164, 182, 193
Decimal	10797494
CIELab	75.71, -11.97, 2.26
CIElCh	76, 12.177, 169.296
Yxy	49.4098, 0.2979, 0.3437
Android (android.graphics.Color)	4288987574 (0xFFA4C1B6)
YUV	183.0750, -0.5300, -16.7288
Hunter-Lab	70.2921, -14.2596, 5.7458

Details

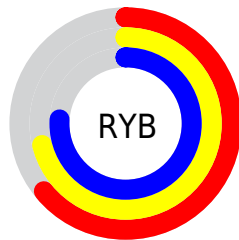
The Yxy color $49.4098, 0.2979, 0.3437$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $40.9962, 0.3303, 0.3148$, and the grayscale version is $47.4087, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.9845, 0.3004, 0.3404$, and $23.4950, 0.2939, 0.3474$ is the 20% darker color. If you saturate the color by 10%, you get $47.2158, 0.2886, 0.3548$, and if you desaturate by 10%, it is $51.9355, 0.3077, 0.3336$.

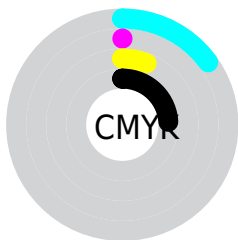
Distribution



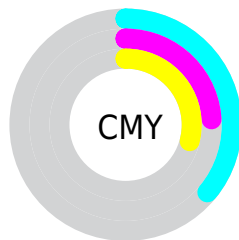
- Red (64%)
- Green (76%)
- Blue (71%)



- Red (64%)
- Yellow (71%)
- Blue (76%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)





- Cyan (36%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4098, 0.2979, 0.3437 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 49.4098, 0.2979, 0.3437 by changing the saturation by 10% instead.


 49.4098, 0.2979,
0.3437

 49.4098, 0.2979,
0.3437

384.3534, 0.3053,
0.3364

 34.9447, 0.2961,
0.3455


 89.2998, 0.3006,
0.3410

 23.6203, 0.2937,
0.3479


 115.4934, 0.3016,
0.3400

 15.0522, 0.2906,
0.3510


146.3654, 0.3024,
0.3392

 8.8560, 0.2863,
0.3554

182.3000, 0.3032,
0.3385

 4.6474, 0.2798,
0.3620

223.6818, 0.3038,
0.3378

 2.0419, 0.2693,
0.3730

270.8950, 0.3043,

 0.6316, 0.2098,

0.3373

0.4298

324.3240, 0.3048,
0.3368

0.0000, 0.0000,
0.0000

49.4098, 0.2979,
0.3437

49.4098, 0.2979,
0.3437

47.2158, 0.2886,
0.3548

51.9355, 0.3077,
0.3336

45.3329, 0.2800,
0.3669

54.8001, 0.3177,
0.3246

43.7481, 0.2724,
0.3799

58.0181, 0.3278,
0.3166

42.4447, 0.2663,
0.3938

61.6016, 0.3378,
0.3095

41.4043, 0.2617,
0.4082

64.4980, 0.3431,
0.3029

■ 40.6064, 0.2591,
0.4229

■ 64.8926, 0.3373,
0.2956

■ 40.0272, 0.2585,
0.4376

■ 65.3045, 0.3316,
0.2884

■ 39.6378, 0.2598,
0.4521

■ 65.7339, 0.3260,
0.2815

■ 39.4854, 0.2609,
0.4592

■ 66.1809, 0.3206,
0.2746

Harmonies

Analogous

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



49.4098, 0.3142, 0.3548



49.4098, 0.2979, 0.3437



49.4098, 0.2858, 0.3285

Triad

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



49.4098, 0.2979, 0.3437



49.4098, 0.2948, 0.3009



49.4098, 0.3458, 0.3427

Complementary

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



49.4098, 0.2979, 0.3437



40.9962, 0.3303, 0.3148

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.



49.4098, 0.3403, 0.3286



49.4098, 0.2979, 0.3437



49.4098, 0.3106, 0.3049

Square

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



49.4098, 0.2979, 0.3437



49.4098, 0.2840, 0.3040



49.4098, 0.3273, 0.3149



49.4098, 0.3420, 0.3538

Rectangle

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



49.4098, 0.2979, 0.3437



49.4098, 0.2815, 0.3185



49.4098, 0.3273, 0.3149



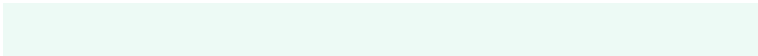
49.4098, 0.3449, 0.3382

Sweetspot

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



49.4119, 0.2979, 0.3437



92.9849, 0.3076, 0.3337



49.9507, 0.3199, 0.3675



19.8755, 0.3069, 0.3344



97.7402, 0.3127, 0.3290



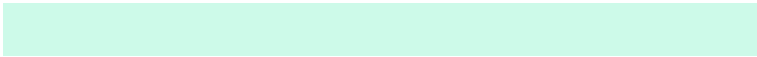
20.4902, 0.3127, 0.3290

Same Dimension

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



49.4119, 0.2979, 0.3437



87.1475, 0.2948, 0.3472



48.4083, 0.2900, 0.3245



11.3614, 0.3034, 0.3379



26.2786, 0.2604, 0.4573



1.1485, 0.2515, 0.4253

Inverse Universe

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



40.9962, 0.3303, 0.3148



69.2046, 0.3348, 0.3115



41.8066, 0.3397, 0.3335



10.1399, 0.3231, 0.3203



7.8790, 0.5431, 0.2766



0.3539, 0.4826, 0.2432

Previews

White Background



This preview shows how the Yxy color 49.4098, 0.2979, 0.3437 looks on a white background.

Color Contrast Check

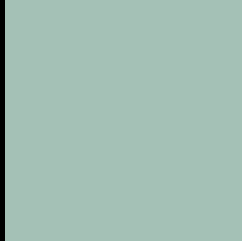
Large Text (above 18pt) WCAG AA × Fail

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 49.4098, 0.2979, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

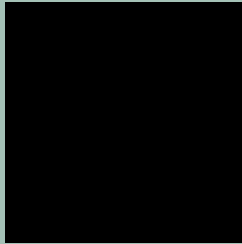
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

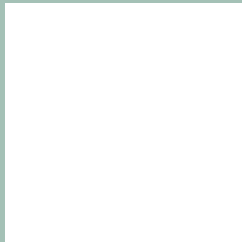
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.4098, 0.2979, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 49.4098, 0.2979, 0.3437.

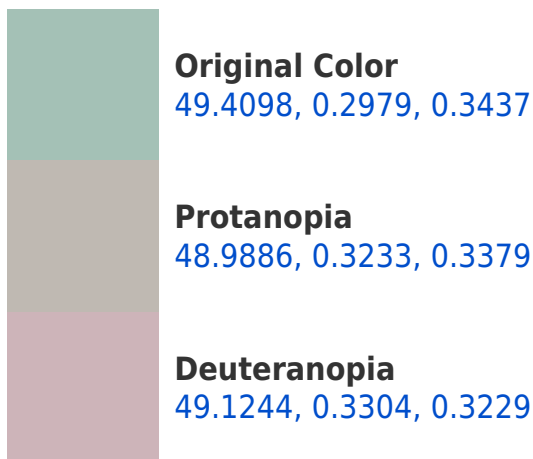


This preview shows how white text looks on a background with the Yxy color 49.4098, 0.2979, 0.3437.

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

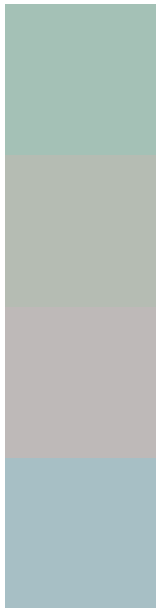




Tritanopia

49.5595, 0.2848, 0.3096

Trichromacy



Original Color

49.4098, 0.2979, 0.3437

Protanomaly

49.0449, 0.3138, 0.3407

Deuteranomaly

49.1058, 0.3177, 0.3303

Tritanomaly

49.5083, 0.2896, 0.3211

Monochromacy



Original Color

49.4098, 0.2979, 0.3437

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.1897, 0.3067, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4098, 0.2979, 0.3437 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(164, 193, 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(164, 193, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 193, 182) }
```

Border

The CSS property to change the border of an element to Yxy 49.4098, 0.2979, 0.3437 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, 182) }
```

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

```
.border{ border-color:rgb(164, 193, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 193, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 193, 182);  
box-shadow:4px 4px 4px 4px rgb(164, 193,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4098, 0.2979, 0.3437 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, 182) }
```

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

```
.background{ background-color: rgb(164,  
193, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor