

Converting Colors

$Yxy(49.1646, 0.3003, 0.3462)$

Have a look what the booklet for
Yxy(49.1646, 0.3003, 0.3462)
contains.

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Color

Yxy(48.9939, 0.3001, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	A5C0B4
RGB	165, 192, 180
RGB Percent	65%, 75%, 71%
CMY	0.3528, 0.2470, 0.2943
CMYK	0.14, 0.00, 0.06, 0.25
HSL	153°, 18%, 70%
HSV	153°, 14%, 75%
XYZ	42.6052, 48.9939, 50.3710
YIQ	182.5590, -12.2400, -9.4560

Conversions

Conversions Part 2

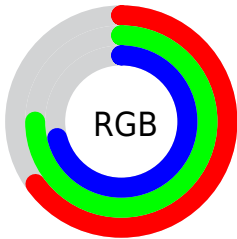
Format	Color
RYB	165, 182, 192
Decimal	10862772
CIELab	75.45, -11.51, 2.99
CIELCh	75, 11.893, 165.453
Yxy	48.9939, 0.3001, 0.3451
Android (android.graphics.Color)	4289052852 (0xFFFA5C0B4)
YUV	182.5590, -1.2616, -15.3992
Hunter-Lab	69.9956, -13.8422, 6.3300

Details

The Yxy color **48.9939, 0.3001, 0.3451** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.3024, 0.3274, 0.3134**, and the grayscale version is **47.1138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4066, 0.3021, 0.3414**, and **23.5083, 0.2968, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **46.7505, 0.2915, 0.3581**, and if you desaturate by 10%, it is **51.5721, 0.3090, 0.3334**.

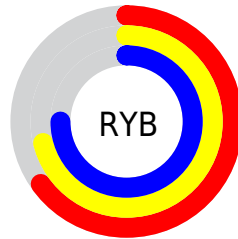
Distribution



Red (65%)

Green (75%)

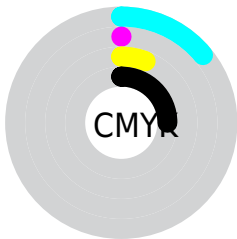
Blue (71%)



Red (65%)

Yellow (71%)

Blue (75%)

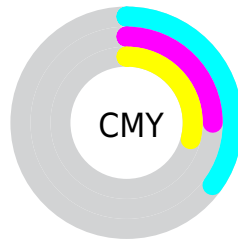


Cyan (14%)

Magenta (0%)

Yellow (6%)

Black (25%)



Cyan (35%)


Magenta (25%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9939, 0.3001, 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 48.9939, 0.3001, 0.3451 by changing the saturation by 10% instead.

 48.9939, 0.3001,
0.3451


 48.9939, 0.3001,
0.3451


382.7183, 0.3064,
0.3370

 34.6146, 0.2985,
0.3471


 88.6824, 0.3024,
0.3422

 23.3662, 0.2965,
0.3497

 114.7604, 0.3032,
0.3411

 14.8641, 0.2938,
0.3532


145.5068, 0.3040,
0.3401

 8.7241, 0.2901,
0.3581

181.3060, 0.3046,
0.3393

 4.5617, 0.2844,
0.3655

222.5423, 0.3051,
0.3386

 1.9924, 0.2752,
0.3778

269.6002, 0.3056,

 0.6031, 0.2176,

0.3380

0.4490

322.8641, 0.3060,
0.3375

0.0000, 0.0000,
0.0000

48.9939, 0.3001,
0.3451

48.9939, 0.3001,
0.3451

46.7505, 0.2915,
0.3581

51.5721, 0.3090,
0.3334

44.8216, 0.2836,
0.3723

54.4922, 0.3181,
0.3229

43.1941, 0.2766,
0.3877

57.7687, 0.3272,
0.3136

41.8516, 0.2709,
0.4041


61.4135, 0.3361,
0.3055


40.7760, 0.2668,
0.4211


64.2774, 0.3399,
0.2978

 39.9471, 0.2645,
0.4385

 64.7508, 0.3332,
0.2894


 39.3416, 0.2641,
0.4559

 65.2479, 0.3267,
0.2812

 38.9313, 0.2658,
0.4728

 65.7690, 0.3203,
0.2732

 38.7477, 0.2674,
0.4826

 66.1803, 0.3156,
0.2673

Harmonies

Analogous

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



48.9939, 0.3163, 0.3552



48.9939, 0.3001, 0.3451



48.9939, 0.2875, 0.3305

Triad

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



48.9939, 0.3001, 0.3451



48.9939, 0.2935, 0.3014



48.9939, 0.3449, 0.3408

Complementary

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



48.9939, 0.3001, 0.3451



41.3024, 0.3274, 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.



48.9939, 0.3385, 0.3268



48.9939, 0.3001, 0.3451



48.9939, 0.3085, 0.3045

Square

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



48.9939, 0.3001, 0.3451



48.9939, 0.2837, 0.3054



48.9939, 0.3250, 0.3137



48.9939, 0.3424, 0.3522

Rectangle

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



48.9939, 0.3001, 0.3451



48.9939, 0.2827, 0.3205



48.9939, 0.3250, 0.3137



48.9939, 0.3437, 0.3362

Sweetspot

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



48.9960, 0.3001, 0.3451



93.4370, 0.3090, 0.3334



49.7842, 0.3210, 0.3647



19.9647, 0.3083, 0.3342



97.7402, 0.3127, 0.3290



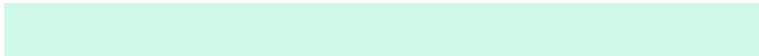
20.4902, 0.3127, 0.3290

Same Dimension

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



48.9960, 0.3001, 0.3451



87.4009, 0.2973, 0.3491



48.9183, 0.2915, 0.3272



11.3501, 0.3042, 0.3395



26.0882, 0.2668, 0.4805



1.1409, 0.2565, 0.4432

Inverse Universe

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



41.3024, 0.3274, 0.3134



70.6451, 0.3314, 0.3097



41.3323, 0.3381, 0.3308



10.1509, 0.3221, 0.3188



8.0046, 0.5162, 0.2617



0.3597, 0.4617, 0.2317

Previews

White Background



This preview shows how the Yxy color 48.9939, 0.3001, 0.3451 looks on a white background.

Color Contrast Check

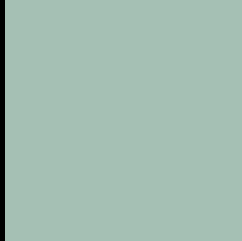
Large Text (above 18pt) WCAG AA × Fail

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 48.9939, 0.3001, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

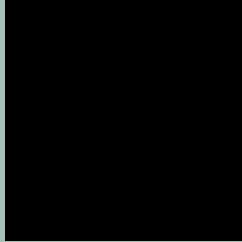
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

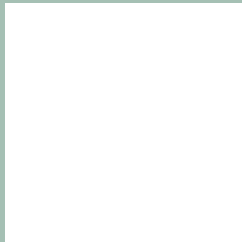
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.9939, 0.3001, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 48.9939, 0.3001, 0.3451.



This preview shows how white text looks on a background with the Yxy color 48.9939, 0.3001, 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

48.9939, 0.3001, 0.3451

Protanopia

48.9089, 0.3249, 0.3405

Deuteranopia

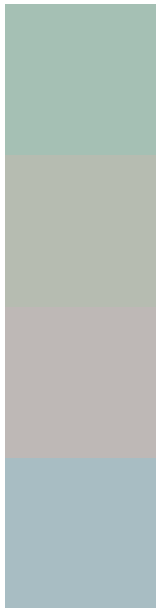
48.4965, 0.3313, 0.3241



Tritanopia

48.7133, 0.2868, 0.3096

Trichromacy



Original Color

48.9939, 0.3001, 0.3451

Protanomaly

49.0858, 0.3162, 0.3433

Deuteranomaly

48.6055, 0.3194, 0.3316

Tritanomaly

48.6602, 0.2916, 0.3211

Monochromacy



Original Color

48.9939, 0.3001, 0.3451

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.7253, 0.3075, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9939, 0.3001, 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(165, 192, 180)` looks like.

```
.text, #text, p{  
    color:rgb(165, 192, 180)  
}
```

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(165, 192, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 192, 180) }
```

Border

The CSS property to change the border of an element to Yxy 48.9939, 0.3001, 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(165, 192, 180) }
```

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

```
.border{ border-color:rgb(165, 192, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 192, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 192, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 192, 180);  
box-shadow:4px 4px 4px 4px rgb(165, 192,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9939, 0.3001, 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(165, 192, 180) }
```

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

```
.background{ background-color: rgb(165,  
192, 180) }
```

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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