

Converting Colors

$Yxy(52.2977, 0.2877, 0.3501)$

Have a look what the booklet for
Yxy(52.2977, 0.2877, 0.3501)
contains.

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Color

Yxy(52.0908, 0.2874, 0.3491)

Conversions

Conversions Part 1

Format	Color
Hex	99C9BA
RGB	153, 201, 186
RGB Percent	60%, 79%, 73%
CMY	0.4000, 0.2117, 0.2706
CMYK	0.24, 0.00, 0.07, 0.21
HSL	161°, 31%, 69%
HSV	161°, 24%, 79%
XYZ	42.8843, 52.0908, 54.2395
YIQ	184.9380, -23.7930, -14.8410

Conversions

Conversions Part 2

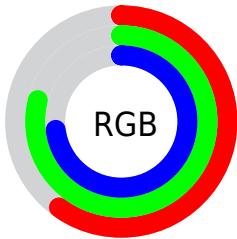
Format	Color
RYB	153, 181, 201
Decimal	10078650
CIELab	77.34, -18.81, 2.38
CIELCh	77, 18.964, 172.793
Yxy	52.0908, 0.2874, 0.3491
Android (android.graphics.Color)	4288268730 (0xFF99C9BA)
YUV	184.9380, 0.5236, -28.0096
Hunter-Lab	72.1740, -20.2434, 5.9647

Details

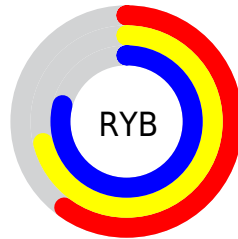
The Yxy color **52.0908, 0.2874, 0.3491** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.0275, 0.3467, 0.3098**, and the grayscale version is **48.4865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3407, 0.2917, 0.3425**, and **25.3276, 0.2807, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **50.0374, 0.2779, 0.3589**, and if you desaturate by 10%, it is **54.4897, 0.2977, 0.3401**.

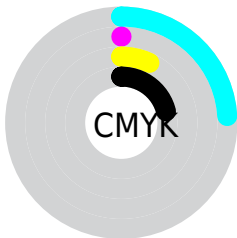
Distribution



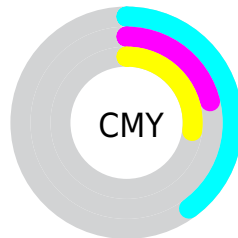
- Red (60%)
- Green (79%)
- Blue (73%)



- Red (60%)
- Yellow (71%)
- Blue (79%)



- Cyan (24%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)





- Cyan (40%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0908, 0.2874, 0.3491 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 52.0908, 0.2874, 0.3491 by changing the saturation by 10% instead.

 52.0908, 0.2874,
0.3491


 52.0908, 0.2874,
0.3491


394.7870, 0.2999,
0.3391

 37.0775, 0.2843,
0.3516


 93.2651, 0.2919,
0.3455

 25.2675, 0.2805,
0.3547


 120.1949, 0.2936,
0.3441

 16.2764, 0.2753,
0.3589


151.8656, 0.2950,
0.3430

 9.7200, 0.2683,
0.3647

188.6617, 0.2963,
0.3420

 5.2137, 0.2580,
0.3732

230.9674, 0.2973,
0.3411

 2.3732, 0.2415,
0.3871

279.1673, 0.2983,

 0.8120, 0.1696,

0.3404

0.4407

333.6457, 0.2991,
0.3397

0.0000, 0.0000,
0.0000

52.0908, 0.2874,
0.3491

52.0908, 0.2874,
0.3491

50.0374, 0.2779,
0.3589

54.4897, 0.2977,
0.3401

48.3065, 0.2696,
0.3694

57.2432, 0.3084,
0.3319

46.8821, 0.2626,
0.3805


60.3679, 0.3195,
0.3246


45.7443, 0.2574,
0.3921


63.8776, 0.3306,
0.3181

44.8708, 0.2540,
0.4040


67.7852, 0.3417,
0.3123


 44.2359, 0.2526,
0.4160


 68.4031, 0.3380,
0.3061

 43.8086, 0.2532,
0.4278

 68.7502, 0.3333,
0.2999

 43.6148, 0.2542,
0.4350

 69.1100, 0.3286,
0.2937

 69.4827, 0.3240,
0.2877

Harmonies

Analogous

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



52.0908, 0.3116, 0.3677



52.0908, 0.2874, 0.3491



52.0908, 0.2704, 0.3250

Triad

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



52.0908, 0.2874, 0.3491



52.0908, 0.2878, 0.2868



52.0908, 0.3636, 0.3516

Complementary

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



52.0908, 0.2874, 0.3491



38.0275, 0.3467, 0.3098

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.



52.0908, 0.3568, 0.3304



52.0908, 0.2874, 0.3491



52.0908, 0.3122, 0.2941

Square

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



52.0908, 0.2874, 0.3491



52.0908, 0.2706, 0.2898



52.0908, 0.3377, 0.3098



52.0908, 0.3560, 0.3680

Rectangle

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



52.0908, 0.2874, 0.3491



52.0908, 0.2650, 0.3099



52.0908, 0.3377, 0.3098



52.0908, 0.3629, 0.3448

Sweetspot

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



52.0929, 0.2874, 0.3491



96.4158, 0.3049, 0.3345



52.4230, 0.3214, 0.3934



20.5740, 0.3043, 0.3350



0.0000, 0.0000, 0.0000



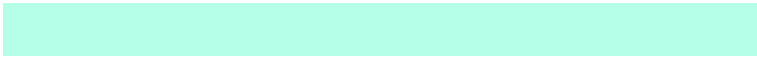
21.4041, 0.3127, 0.3290

Same Dimension

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



52.0929, 0.2874, 0.3491



87.1682, 0.2821, 0.3544



48.7786, 0.2768, 0.3172



12.0089, 0.3025, 0.3363



27.4384, 0.2537, 0.4333



1.3118, 0.2469, 0.4088

Inverse Universe

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



38.0275, 0.3467, 0.3098



58.6967, 0.3571, 0.3052



40.4878, 0.3593, 0.3405



10.6907, 0.3241, 0.3218



8.0472, 0.5693, 0.2910



0.3943, 0.5090, 0.2577

Previews

White Background



This preview shows how the Yxy color 52.0908, 0.2874, 0.3491 looks on a white background.

Color Contrast Check

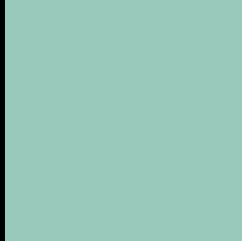
Large Text (above 18pt) WCAG AA × Fail

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 52.0908, 0.2874, 0.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

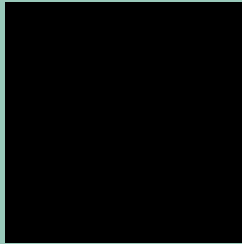
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

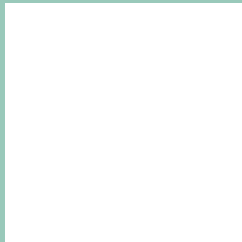
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0908, 0.2874, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 52.0908, 0.2874, 0.3491.

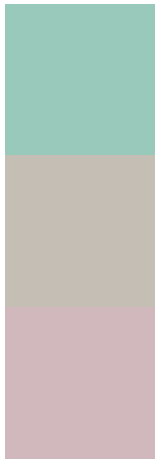


This preview shows how white text looks on a background with the Yxy color 52.0908, 0.2874, 0.3491.

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

52.0908, 0.2874, 0.3491

Protanopia

51.8580, 0.3254, 0.3415

Deuteranopia

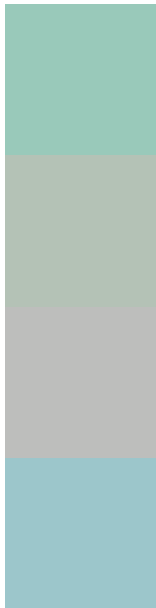
51.5104, 0.3300, 0.3231



Tritanopia

52.0057, 0.2732, 0.3084

Trichromacy



Original Color

52.0908, 0.2874, 0.3491

Protanomaly

51.6643, 0.3104, 0.3444

Deuteranomaly

51.2766, 0.3134, 0.3315

Tritanomaly

51.7679, 0.2783, 0.3224

Monochromacy



Original Color

52.0908, 0.2874, 0.3491

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.6486, 0.3027, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0908, 0.2874, 0.3491 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(153, 201, 186)` looks like.

```
.text, #text, p{  
    color:rgb(153, 201, 186)  
}
```

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(153, 201, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 201, 186) }
```

Border

The CSS property to change the border of an element to Yxy 52.0908, 0.2874, 0.3491 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(153, 201, 186) }
```

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

```
.border{ border-color:rgb(153, 201, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 201, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 201, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 201, 186);  
box-shadow:4px 4px 4px 4px rgb(153, 201,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0908, 0.2874, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 201, 186) }
```

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

```
.background{ background-color: rgb(153,  
201, 186) }
```

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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