

Converting Colors

$Y_{xy}(52.4041, 0.2856, 0.3340)$

Have a look what the booklet for
Yxy(52.4041, 0.2856, 0.3340)
contains.

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Color

Yxy(52.2033, 0.2849, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	9FC7C4
RGB	159, 199, 196
RGB Percent	62%, 78%, 77%
CMY	0.3767, 0.2195, 0.2314
CMYK	0.20, 0.00, 0.02, 0.22
HSL	175°, 26%, 70%
HSV	175°, 20%, 78%
XYZ	44.6762, 52.2033, 59.9342
YIQ	186.6980, -22.8770, -9.4130

Conversions

Conversions Part 2

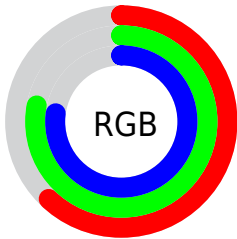
Format	Color
RYB	159, 180, 199
Decimal	10471364
CIELab	77.40, -13.83, -2.87
CIELCh	77, 14.129, 191.720
Yxy	52.2033, 0.2849, 0.3329
Android (android.graphics.Color)	4288661444 (0xFF9FC7C4)
YUV	186.6980, 4.5859, -24.2911
Hunter-Lab	72.2519, -16.0670, 1.3942

Details

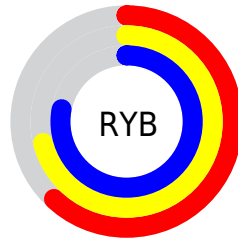
The Yxy color **52.2033, 0.2849, 0.3329** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.5327, 0.3493, 0.3252**, and the grayscale version is **49.4941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9080, 0.2893, 0.3310**, and **25.3296, 0.2781, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **50.2644, 0.2725, 0.3351**, and if you desaturate by 10%, it is **54.4747, 0.2983, 0.3309**.

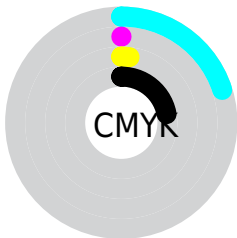
Distribution



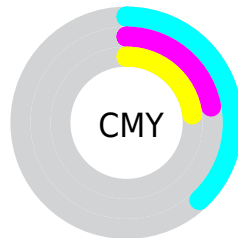
- Red (62%)
- Green (78%)
- Blue (77%)



- Red (62%)
- Yellow (71%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)





- Cyan (38%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2033, 0.2849, 0.3329 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 52.2033, 0.2849, 0.3329 by changing the saturation by 10% instead.


 52.2033, 0.2849,
0.3329


 52.2033, 0.2849,
0.3329


395.2210, 0.2985,
0.3311

 37.1671, 0.2816,
0.3333


 93.4310, 0.2898,
0.3323

 25.3369, 0.2774,
0.3338


 120.3913, 0.2916,
0.3320

 16.3283, 0.2720,
0.3344


152.0952, 0.2932,
0.3318

 9.7567, 0.2646,
0.3352

188.9269, 0.2945,
0.3316

 5.2380, 0.2538,
0.3363

231.2710, 0.2957,
0.3315

 2.3876, 0.2370,
0.3376

279.5118, 0.2967,

 0.8195, 0.1870,

0.3313

0.3473

334.0336, 0.2977,
0.3312

0.0000, 0.0000,
0.0000

52.2033, 0.2849,
0.3329

52.2033, 0.2849,
0.3329

50.2644, 0.2725,
0.3351

54.4747, 0.2983,
0.3309

48.6359, 0.2614,
0.3374

57.0868, 0.3125,
0.3290

47.3031, 0.2518,
0.3398

60.0555, 0.3272,
0.3273

46.2473, 0.2441,
0.3423

63.3937, 0.3420,
0.3259

45.4480, 0.2381,
0.3449

66.4513, 0.3541,
0.3245

■ 44.8817, 0.2342,
0.3474

■ 66.5238, 0.3529,
0.3229

■ 44.5205, 0.2320,
0.3500

■ 66.5970, 0.3517,
0.3214

■ 44.3128, 0.2312,
0.3525

■ 66.6709, 0.3505,
0.3198

■ 66.7455, 0.3493,
0.3183

Harmonies

Analogous

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



52.2033, 0.3002, 0.3497



52.2033, 0.2849, 0.3329



52.2033, 0.2770, 0.3156

Triad

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



52.2033, 0.2849, 0.3329



52.2033, 0.3054, 0.2998



52.2033, 0.3482, 0.3545

Complementary

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



52.2033, 0.2849, 0.3329



39.5327, 0.3493, 0.3252

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.



52.2033, 0.3498, 0.3406



52.2033, 0.2849, 0.3329



52.2033, 0.3247, 0.3096

Square

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



52.2033, 0.2849, 0.3329



52.2033, 0.2885, 0.2972



52.2033, 0.3411, 0.3243



52.2033, 0.3368, 0.3621

Rectangle

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



52.2033, 0.2849, 0.3329



52.2033, 0.2768, 0.3063



52.2033, 0.3411, 0.3243



52.2033, 0.3499, 0.3504

Sweetspot

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



52.2054, 0.2849, 0.3329



97.1384, 0.3040, 0.3301



51.0682, 0.3127, 0.3835



20.7279, 0.3031, 0.3302



0.0000, 0.0000, 0.0000



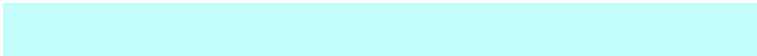
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2054, 0.2849, 0.3329



89.8878, 0.2795, 0.3338



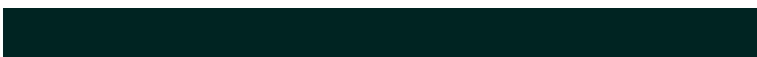
45.0790, 0.2815, 0.3066



12.0532, 0.2994, 0.3307



28.4945, 0.2312, 0.3521



1.3534, 0.2297, 0.3468

Inverse Universe

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



39.5327, 0.3493, 0.3252



63.8520, 0.3593, 0.3243



45.5581, 0.3482, 0.3504



10.6498, 0.3278, 0.3273



7.8351, 0.6308, 0.3249



0.3756, 0.6004, 0.3081

Previews

White Background



This preview shows how the Yxy color 52.2033, 0.2849, 0.3329 looks on a white background.

Color Contrast Check

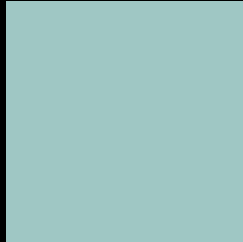
Large Text (above 18pt) WCAG AA × Fail

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 52.2033, 0.2849, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

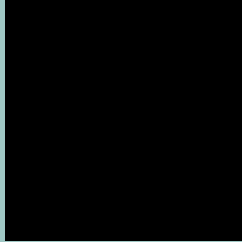
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

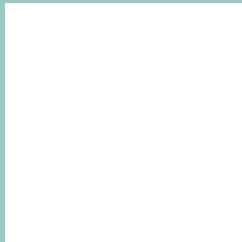
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2033, 0.2849, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 52.2033, 0.2849, 0.3329.



This preview shows how white text looks on a background with the Yxy color 52.2033, 0.2849, 0.3329.

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

52.2033, 0.2849, 0.3329

Protanopia

52.0578, 0.3152, 0.3278

Deuteranopia

51.8006, 0.3185, 0.3123



Tritanopia

52.3674, 0.2765, 0.3098

Trichromacy



Original Color

52.2033, 0.2849, 0.3329

Protanomaly

51.8139, 0.3032, 0.3290

Deuteranomaly

51.5955, 0.3051, 0.3190

Tritanomaly

52.4215, 0.2798, 0.3186

Monochromacy



Original Color

52.2033, 0.2849, 0.3329

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.3264, 0.3022, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2033, 0.2849, 0.3329 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(159, 199, 196)` looks like.

```
.text, #text, p{  
    color:rgb(159, 199, 196)  
}
```

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(159, 199, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 199, 196) }
```

Border

The CSS property to change the border of an element to Yxy 52.2033, 0.2849, 0.3329 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(159, 199, 196) }
```

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

```
.border{ border-color:rgb(159, 199, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 199, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 199, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 199, 196);  
box-shadow:4px 4px 4px 4px rgb(159, 199,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2033, 0.2849, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 199, 196) }
```

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

```
.background{ background-color: rgb(159,  
199, 196) }
```

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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