

Converting Colors

$Y_{xy}(52.2979, 0.2777, 0.3276)$

Have a look what the booklet for
Yxy(52.2979, 0.2777, 0.3276)
contains.

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Color

Yxy(52.2979, 0.2777, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	99C8C9
RGB	153, 200, 201
RGB Percent	60%, 78%, 79%
CMY	0.4000, 0.2157, 0.2118
CMYK	0.24, 0.00, 0.00, 0.21
HSL	181°, 31%, 69%
HSV	181°, 24%, 79%
XYZ	44.3319, 52.2979, 63.0097
YIQ	186.0610, -28.3330, -9.6530

Conversions

Conversions Part 2

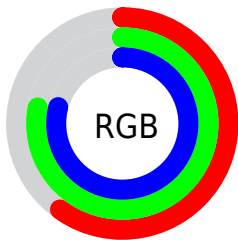
Format	Color
RYB	153, 177, 201
Decimal	10078409
CIELab	77.46, -15.08, -5.53
CIElCh	77, 16.061, 200.139
Yxy	52.2979, 0.2777, 0.3276
Android (android.graphics.Color)	4288268489 (0xFF99C8C9)
YUV	186.0610, 7.3649, -28.9945
Hunter-Lab	72.3173, -17.1313, -1.0370

Details

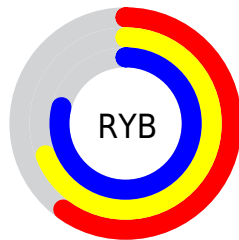
The Yxy color **52.2979, 0.2777, 0.3276** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.8208, 0.3616, 0.3304**, and the grayscale version is **49.1089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **25.3737, 0.2681, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **50.3156, 0.2649, 0.3270**, and if you desaturate by 10%, it is **54.6144, 0.2918, 0.3282**.

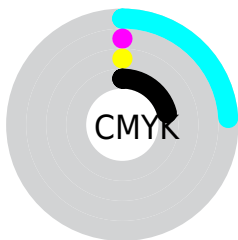
Distribution



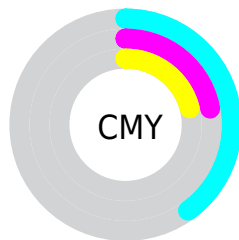
- Red (60%)
- Green (78%)
- Blue (79%)



- Red (60%)
- Yellow (69%)
- Blue (79%)



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



- Cyan (40%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2979, 0.2777, 0.3276 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 52.2979, 0.2777, 0.3276 by changing the saturation by 10% instead.

■ 52.2979, 0.2777,
0.3276

■ 52.2979, 0.2777,
0.3276

■ 395.5856, 0.2947,
0.3285

■ 37.2426, 0.2736,
0.3273

■ 93.5704, 0.2838,
0.3280

■ 25.3954, 0.2684,
0.3269

■ 120.5564, 0.2861,
0.3281

■ 16.3719, 0.2617,
0.3263

■ 152.2881, 0.2881,
0.3282

■ 9.7877, 0.2525,
0.3255

■ 189.1499, 0.2898,
0.3283

■ 5.2584, 0.2394,
0.3239

■ 231.5261, 0.2912,
0.3284

■ 2.3997, 0.2190,
0.3210

■ 279.8012, 0.2925,

■ 0.8257, 0.1625,

0.3284

334.3596, 0.2937,
0.3285

0.3219

0.0000, 0.0000,
0.0000

52.2979, 0.2777,
0.3276

52.2979, 0.2777,
0.3276

50.3156, 0.2649,
0.3270

54.6144, 0.2918,
0.3282

48.6445, 0.2535,
0.3263

57.2741, 0.3067,
0.3288

47.2690, 0.2438,
0.3256

60.2934, 0.3223,
0.3293

46.1692, 0.2360,
0.3249

63.6858, 0.3382,
0.3298

45.3231, 0.2301,
0.3242

67.4644, 0.3542,
0.3302

■ 44.7051, 0.2261,
0.3235

■ 67.9432, 0.3553,
0.3307

■ 44.2843, 0.2238,
0.3229

■ 68.1375, 0.3553,
0.3311

■ 44.0893, 0.2229,
0.3225

■ 68.3323, 0.3552,
0.3315

■ 68.5277, 0.3551,
0.3319

Harmonies

Analogous

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



52.2979, 0.2930, 0.3476



52.2979, 0.2777, 0.3276



52.2979, 0.2716, 0.3089

Triad

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



52.2979, 0.2777, 0.3276



52.2979, 0.3104, 0.2984



52.2979, 0.3504, 0.3612

Complementary

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



52.2979, 0.2777, 0.3276



37.8208, 0.3616, 0.3304

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.



52.2979, 0.3556, 0.3469



52.2979, 0.2777, 0.3276



52.2979, 0.3321, 0.3113

Square

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



52.2979, 0.2777, 0.3276



52.2979, 0.2900, 0.2929



52.2979, 0.3489, 0.3288



52.2979, 0.3349, 0.3673

Rectangle

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



52.2979, 0.2777, 0.3276



52.2979, 0.2734, 0.2997



52.2979, 0.3489, 0.3288



52.2979, 0.3534, 0.3571

Sweetspot

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



52.3000, 0.2777, 0.3276



96.5370, 0.3018, 0.3286



50.8672, 0.3090, 0.3946



20.6021, 0.3009, 0.3286



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.



52.3000, 0.2777, 0.3276



87.6059, 0.2704, 0.3272



42.1152, 0.2750, 0.2952



12.0288, 0.2984, 0.3285



27.7421, 0.2229, 0.3226



1.3257, 0.2233, 0.3239

Inverse Universe

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



39.3679, 0.3164, 0.2713



61.4508, 0.3172, 0.2579



46.4746, 0.3547, 0.3606



10.8127, 0.3141, 0.3067



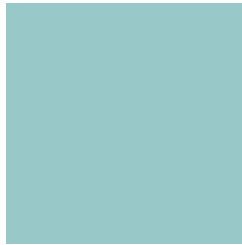
10.3406, 0.3260, 0.1570



0.4909, 0.3249, 0.1563

Previews

White Background



This preview shows how the Yxy color 52.2979, 0.2777, 0.3276 looks on a white background.

Color Contrast Check

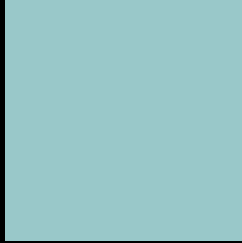
Large Text (above 18pt) WCAG AA × Fail

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 52.2979, 0.2777, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

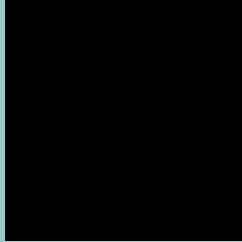
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

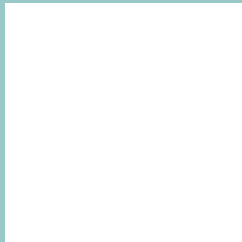
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2979, 0.2777, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 52.2979, 0.2777, 0.3276.

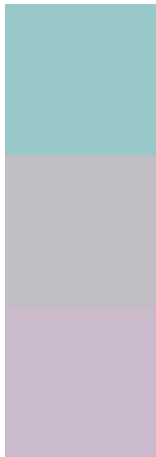


This preview shows how white text looks on a background with the Yxy color 52.2979, 0.2777, 0.3276.

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

52.2979, 0.2777, 0.3276

Protanopia

52.1045, 0.3114, 0.3228

Deuteranopia

51.7541, 0.3130, 0.3063



Tritanopia

52.3111, 0.2714, 0.3084

Trichromacy



Original Color

52.2979, 0.2777, 0.3276

Protanomaly

52.0798, 0.2980, 0.3252

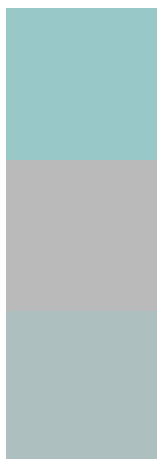
Deuteranomaly

51.4530, 0.2991, 0.3128

Tritanomaly

52.4189, 0.2739, 0.3159

Monochromacy



Original Color

52.2979, 0.2777, 0.3276

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.0219, 0.2992, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2979, 0.2777, 0.3276 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, 200, 201)` looks like.

```
.text, #text, p{  
    color:rgb(153, 200, 201)  
}
```

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, 200, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 200, 201) }
```

Border

The CSS property to change the border of an element to Yxy 52.2979, 0.2777, 0.3276 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, 200, 201) }
```

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

```
.border{ border-color:rgb(153, 200, 201) }
```

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

Here you see how a box with a 4 pixel rgb(153, 200, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 200, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 200, 201);  
box-shadow:4px 4px 4px 4px rgb(153, 200,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2979, 0.2777, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 200, 201) }
```

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

```
.background{ background-color: rgb(153,  
200, 201) }
```

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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