

Converting Colors

$Yxy(52.9697, 0.2820, 0.3599)$

Have a look what the booklet for
Yxy(52.9697, 0.2820, 0.3599)
contains.

Yxy(52.7443, 0.2816, 0.3590)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.7443, 0.2816, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	8DCDB7
RGB	141, 205, 183
RGB Percent	55%, 80%, 72%
CMY	0.4468, 0.1961, 0.2823
CMYK	0.31, 0.00, 0.11, 0.20
HSL	159°, 39%, 68%
HSV	159°, 31%, 80%
XYZ	41.3727, 52.7443, 52.8031
YIQ	183.3560, -31.0820, -20.4100

Conversions

Conversions Part 2

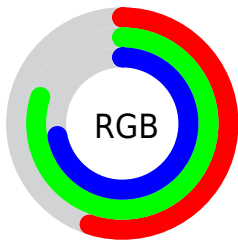
Format	Color
RYB	141, 180, 205
Decimal	9293239
CIELab	77.72, -25.05, 4.46
CIElCh	78, 25.444, 169.901
Yxy	52.7443, 0.2816, 0.3590
Android (android.graphics.Color)	4287483319 (0xFF8DCDB7)
YUV	183.3560, -0.1755, -37.1462
Hunter-Lab	72.6253, -25.4075, 7.7302

Details

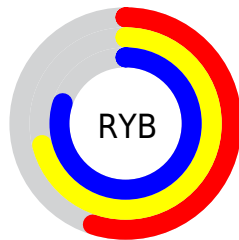
The Yxy color **52.7443, 0.2816, 0.3590** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.6958, 0.3587, 0.3011**, and the grayscale version is **47.5827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4878, 0.2865, 0.3460**, and **25.8196, 0.2730, 0.3687** is the 20% darker color. If you saturate the color by 10%, you get **50.8252, 0.2732, 0.3704**, and if you desaturate by 10%, it is **55.0150, 0.2910, 0.3484**.

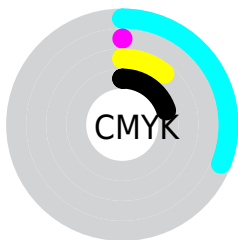
Distribution



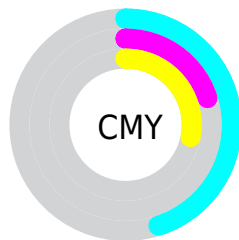
- Red (55%)
- Green (80%)
- Blue (72%)



- Red (55%)
- Yellow (71%)
- Blue (80%)



- Cyan (31%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)



- Cyan (45%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7443, 0.2816, 0.3590 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 52.7443, 0.2816, 0.3590 by changing the saturation by 10% instead.

 52.7443, 0.2816,
0.3590

 52.7443, 0.2816,
0.3590

397.3033, 0.2969,
0.3440

 37.5987, 0.2778,
0.3627


 94.2280, 0.2871,
0.3536

 25.6714, 0.2730,
0.3675


 121.3349, 0.2892,
0.3515

 16.5779, 0.2667,
0.3738


153.1976, 0.2910,
0.3498

 9.9340, 0.2580,
0.3827

190.2007, 0.2925,
0.3483

 5.3552, 0.2453,
0.3958

232.7283, 0.2938,
0.3470

 2.4572, 0.2249,
0.4174

281.1651, 0.2950,

 0.8551, 0.1201,

0.3459

0.5104

335.8953, 0.2960,
0.3449

0.0000, 0.0000,
0.0000

52.7443, 0.2816,
0.3590

52.7443, 0.2816,
0.3590

50.8252, 0.2732,
0.3704

55.0150, 0.2910,
0.3484

49.2328, 0.2662,
0.3826

57.6481, 0.3010,
0.3387

47.9487, 0.2607,
0.3954


60.6617, 0.3115,
0.3300


46.9503, 0.2570,
0.4086


64.0708, 0.3221,
0.3221

46.2116, 0.2554,
0.4218


67.8897, 0.3328,
0.3152

 45.7017, 0.2557,
0.4350

 70.3712, 0.3363,
0.3086

 45.3929, 0.2574,
0.4465

 70.7647, 0.3311,
0.3016

 71.1743, 0.3260,
0.2948

 71.6001, 0.3210,
0.2881

Harmonies

Analogous

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



52.7443, 0.3141, 0.3832



52.7443, 0.2816, 0.3590



52.7443, 0.2582, 0.3263

Triad

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



52.7443, 0.2816, 0.3590



52.7443, 0.2767, 0.2732



52.7443, 0.3809, 0.3556

Complementary

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



52.7443, 0.2816, 0.3590



34.6958, 0.3587, 0.3011

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.



52.7443, 0.3700, 0.3276



52.7443, 0.2816, 0.3590



52.7443, 0.3084, 0.2817

Square

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



52.7443, 0.2816, 0.3590



52.7443, 0.2556, 0.2780



52.7443, 0.3429, 0.3012



52.7443, 0.3722, 0.3789

Rectangle

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



52.7443, 0.2816, 0.3590



52.7443, 0.2503, 0.3056



52.7443, 0.3429, 0.3012



52.7443, 0.3794, 0.3465

Sweetspot

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



52.7465, 0.2816, 0.3590



95.4062, 0.3031, 0.3368



53.4169, 0.3254, 0.4154



20.2725, 0.3016, 0.3382



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.



52.7465, 0.2816, 0.3590



84.3642, 0.2762, 0.3661



49.2876, 0.2668, 0.3160



12.6589, 0.3028, 0.3371



28.2802, 0.2568, 0.4446



1.4729, 0.2498, 0.4192

Inverse Universe

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



34.6958, 0.3587, 0.3011



50.4823, 0.3718, 0.2953



36.9275, 0.3792, 0.3415



11.2763, 0.3237, 0.3211



8.3755, 0.5580, 0.2848



0.4463, 0.5029, 0.2544

Previews

White Background



This preview shows how the Yxy color 52.7443, 0.2816, 0.3590 looks on a white background.

Color Contrast Check

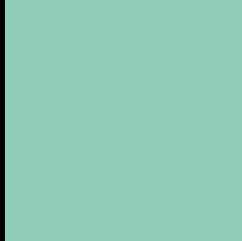
Large Text (above 18pt) WCAG AA × Fail

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 52.7443, 0.2816, 0.3590 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

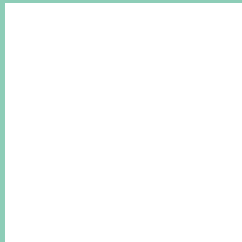
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7443, 0.2816, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 52.7443, 0.2816, 0.3590.

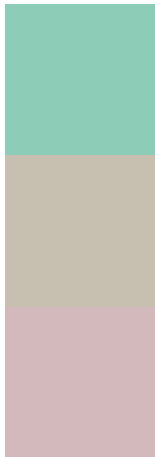


This preview shows how white text looks on a background with the Yxy color 52.7443, 0.2816, 0.3590.

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

52.7443, 0.2816, 0.3590

Protanopia

52.4989, 0.3318, 0.3489

Deuteranopia

52.1347, 0.3332, 0.3267



Tritanopia

52.5623, 0.2654, 0.3082

Trichromacy



Original Color

52.7443, 0.2816, 0.3590

Protanomaly

52.1592, 0.3116, 0.3523

Deuteranomaly

51.6835, 0.3124, 0.3366

Tritanomaly

52.6204, 0.2709, 0.3262

Monochromacy



Original Color

52.7443, 0.2816, 0.3590

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

49.0053, 0.3002, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7443, 0.2816, 0.3590 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(141, 205, 183)` looks like.

```
.text, #text, p{  
    color:rgb(141, 205, 183)  
}
```

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(141, 205, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 205, 183) }
```

Border

The CSS property to change the border of an element to Yxy 52.7443, 0.2816, 0.3590 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(141, 205, 183) }
```

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

```
.border{ border-color:rgb(141, 205, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 205, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 205, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 205, 183); box-shadow:4px 4px 4px 4px rgb(141, 205, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7443, 0.2816, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 205, 183) }
```

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

```
.background{ background-color: rgb(141,  
205, 183) }
```

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