

Converting Colors

$Yxy(52.8951, 0.2787, 0.3412)$

Have a look what the booklet for
Yxy(52.8951, 0.2787, 0.3412)
contains.

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Color

Yxy(52.8100, 0.2784, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	93CBC2
RGB	147, 203, 194
RGB Percent	58%, 80%, 76%
CMY	0.4235, 0.2039, 0.2391
CMYK	0.28, 0.00, 0.04, 0.20
HSL	170°, 35%, 69%
HSV	170°, 28%, 80%
XYZ	43.1279, 52.8100, 58.9756
YIQ	185.2300, -30.4870, -14.6710

Conversions

Conversions Part 2

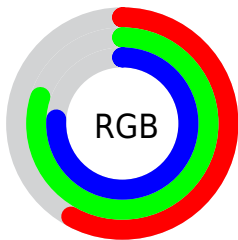
Format	Color
RYB	147, 177, 203
Decimal	9685954
CIELab	77.76, -19.93, -1.37
CIELCh	78, 19.979, 183.932
Yxy	52.8100, 0.2784, 0.3409
Android (android.graphics.Color)	4287876034 (0xFF93CBC2)
YUV	185.2300, 4.3236, -33.5277
Hunter-Lab	72.6705, -21.2386, 2.7527

Details

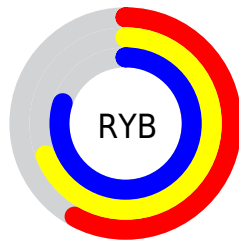
The Yxy color **52.8100, 0.2784, 0.3409** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.9625, 0.3626, 0.3176**, and the grayscale version is **48.6401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9787, 0.2842, 0.3341**, and **25.7680, 0.2694, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **50.9536, 0.2677, 0.3459**, and if you desaturate by 10%, it is **55.0051, 0.2902, 0.3363**.

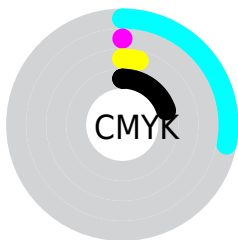
Distribution



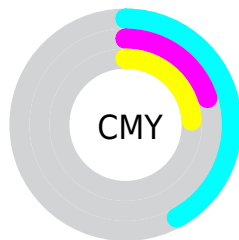
- Red (58%)
- Green (80%)
- Blue (76%)



- Red (58%)
- Yellow (69%)
- Blue (80%)



- Cyan (28%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)





- Cyan (42%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8100, 0.2784, 0.3409 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 52.8100, 0.2784, 0.3409 by changing the saturation by 10% instead.


 52.8100, 0.2784,
0.3409

 52.8100, 0.2784,
0.3409


397.5557, 0.2951,
0.3352

 37.6511, 0.2744,
0.3423


 94.3247, 0.2844,
0.3389

 25.7120, 0.2692,
0.3440


 121.4494, 0.2867,
0.3381

 16.6083, 0.2625,
0.3462


153.3314, 0.2886,
0.3374

 9.9556, 0.2534,
0.3492

190.3551, 0.2903,
0.3369

 5.3696, 0.2403,
0.3535

232.9051, 0.2917,
0.3364

 2.4657, 0.2199,
0.3599

281.3655, 0.2930,

 0.8594, 0.1486,

0.3359

0.3866

336.1210, 0.2941,
0.3355

0.0000, 0.0000,
0.0000

52.8100, 0.2784,
0.3409

52.8100, 0.2784,
0.3409

50.9536, 0.2677,
0.3459

55.0051, 0.2902,
0.3363

49.4119, 0.2585,
0.3512

57.5485, 0.3028,
0.3320

48.1682, 0.2509,
0.3566

60.4575, 0.3159,
0.3281

47.2012, 0.2451,
0.3623

63.7463, 0.3294,
0.3246

46.4872, 0.2412,
0.3680

67.4283, 0.3429,
0.3215

■ 45.9983, 0.2393,
0.3737

■ 68.8049, 0.3455,
0.3183

■ 45.6949, 0.2390,
0.3794

■ 68.9723, 0.3430,
0.3150

■ 45.6335, 0.2391,
0.3807

■ 69.1430, 0.3405,
0.3118

■ 69.3171, 0.3381,
0.3085

Harmonies

Analogous

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



52.8100, 0.3016, 0.3636



52.8100, 0.2784, 0.3409



52.8100, 0.2646, 0.3156

Triad

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



52.8100, 0.2784, 0.3409



52.8100, 0.2955, 0.2865



52.8100, 0.3648, 0.3599

Complementary

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



52.8100, 0.2784, 0.3409



35.9625, 0.3626, 0.3176

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.



52.8100, 0.3634, 0.3389



52.8100, 0.2784, 0.3409



52.8100, 0.3224, 0.2977

Square

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



52.8100, 0.2784, 0.3409



52.8100, 0.2741, 0.2854



52.8100, 0.3476, 0.3165



52.8100, 0.3518, 0.3739

Rectangle

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



52.8100, 0.2784, 0.3409



52.8100, 0.2621, 0.3013



52.8100, 0.3476, 0.3165



52.8100, 0.3661, 0.3534

Sweetspot

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



52.8121, 0.2784, 0.3409



96.1254, 0.3021, 0.3322



51.9205, 0.3161, 0.4062



20.4285, 0.3001, 0.3328



0.0000, 0.0000, 0.0000



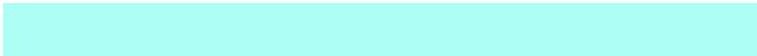
21.4041, 0.3127, 0.3290

Same Dimension

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



52.8121, 0.2784, 0.3409



86.5429, 0.2720, 0.3438



44.9345, 0.2704, 0.3036



12.6950, 0.3004, 0.3327



29.0514, 0.2389, 0.3799



1.5072, 0.2358, 0.3689

Inverse Universe

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



35.9625, 0.3626, 0.3176



53.8038, 0.3774, 0.3150



41.9542, 0.3658, 0.3530



11.2425, 0.3265, 0.3253



8.1571, 0.6156, 0.3165



0.4303, 0.5663, 0.2893

Previews

White Background



This preview shows how the Yxy color 52.8100, 0.2784, 0.3409 looks on a white background.

Color Contrast Check

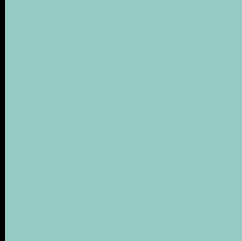
Large Text (above 18pt) WCAG AA × Fail

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 52.8100, 0.2784, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

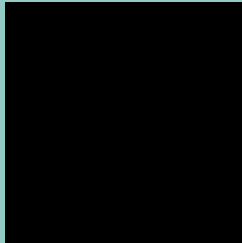
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

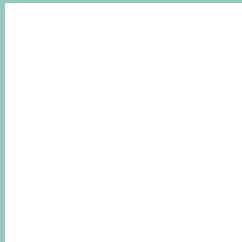
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8100, 0.2784, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 52.8100, 0.2784, 0.3409.

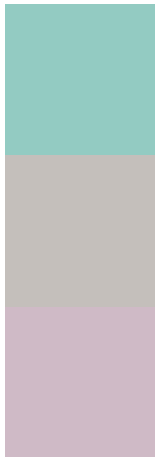


This preview shows how white text looks on a background with the Yxy color 52.8100, 0.2784, 0.3409.

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

52.8100, 0.2784, 0.3409

Protanopia

52.5852, 0.3199, 0.3340

Deuteranopia

52.4604, 0.3209, 0.3147



Tritanopia

52.9418, 0.2679, 0.3083

Trichromacy



Original Color

52.8100, 0.2784, 0.3409

Protanomaly

52.2129, 0.3030, 0.3354

Deuteranomaly

52.0448, 0.3034, 0.3227

Tritanomaly

52.8114, 0.2715, 0.3197

Monochromacy



Original Color

52.8100, 0.2784, 0.3409

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.9880, 0.2990, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8100, 0.2784, 0.3409 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(147, 203, 194)` looks like.

```
.text, #text, p{  
    color:rgb(147, 203, 194)  
}
```

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(147, 203, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 203, 194) }
```

Border

The CSS property to change the border of an element to Yxy 52.8100, 0.2784, 0.3409 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(147, 203, 194) }
```

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

```
.border{ border-color:rgb(147, 203, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 203, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 203, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 203, 194);  
box-shadow:4px 4px 4px 4px rgb(147, 203,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8100, 0.2784, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 203, 194) }
```

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

```
.background{ background-color: rgb(147,  
203, 194) }
```

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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