

Converting Colors

$Yxy(52.4719, 0.2881, 0.3557)$

Have a look what the booklet for
Yxy(52.4719, 0.2881, 0.3557)
contains.

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Color

Yxy(52.7101, 0.2881, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	97CBB7
RGB	151, 203, 183
RGB Percent	59%, 80%, 72%
CMY	0.4078, 0.2039, 0.2823
CMYK	0.26, 0.00, 0.10, 0.20
HSL	157°, 33%, 69%
HSV	157°, 26%, 80%
XYZ	42.6687, 52.7101, 52.7249
YIQ	185.1720, -24.5720, -17.2440

Conversions

Conversions Part 2

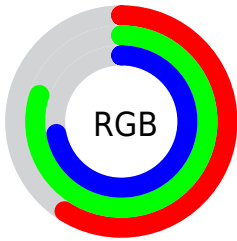
Format	Color
RYB	151, 183, 203
Decimal	9948087
CIELab	77.70, -21.05, 4.50
CIELCh	78, 21.523, 167.921
Yxy	52.7101, 0.2881, 0.3559
Android (android.graphics.Color)	4288138167 (0xFF97CBB7)
YUV	185.1720, -1.0708, -29.9688
Hunter-Lab	72.6017, -22.1470, 7.7635

Details

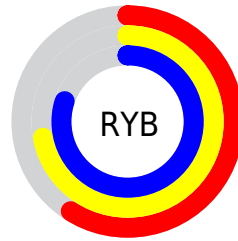
The Yxy color **52.7101, 0.2881, 0.3559** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.7784, 0.3461, 0.3037**, and the grayscale version is **48.6362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8738, 0.2922, 0.3458**, and **25.7592, 0.2817, 0.3642** is the 20% darker color. If you saturate the color by 10%, you get **50.6177, 0.2796, 0.3683**, and if you desaturate by 10%, it is **55.1594, 0.2974, 0.3446**.

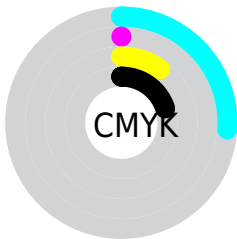
Distribution



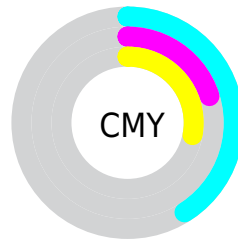
- Red (59%)
- Green (80%)
- Blue (72%)



- Red (59%)
- Yellow (72%)
- Blue (80%)



- Cyan (26%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)





- Cyan (41%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7101, 0.2881, 0.3559 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 52.7101, 0.2881, 0.3559 by changing the saturation by 10% instead.


 52.7101, 0.2881,
0.3559


 52.7101, 0.2881,
0.3559


397.1719, 0.3003,
0.3425

 37.5714, 0.2851,
0.3592


 94.1776, 0.2925,
0.3510

 25.6502, 0.2813,
0.3635


 121.2753, 0.2941,
0.3492

 16.5621, 0.2763,
0.3692

153.1280, 0.2955,
0.3477

 9.9228, 0.2693,
0.3771

190.1202, 0.2968,
0.3463

 5.3478, 0.2591,
0.3889

232.6363, 0.2978,
0.3452

 2.4527, 0.2427,
0.4083

281.0607, 0.2987,

 0.8528, 0.1683,

0.3442

0.4836

335.7778, 0.2995,
0.3433

0.0000, 0.0000,
0.0000

52.7101, 0.2881,
0.3559

52.7101, 0.2881,
0.3559

50.6177, 0.2796,
0.3683

55.1594, 0.2974,
0.3446

48.8581, 0.2722,
0.3816

57.9751, 0.3071,
0.3343

47.4147, 0.2661,
0.3957

61.1747, 0.3171,
0.3251

46.2664, 0.2618,
0.4103

64.7725, 0.3272,
0.3169

45.3899, 0.2593,
0.4253

68.7819, 0.3371,
0.3096

■ 44.7577, 0.2589,
0.4402

■ 69.6773, 0.3332,
0.3020

■ 44.3365, 0.2604,
0.4548

■ 70.1257, 0.3274,
0.2944

■ 44.1897, 0.2614,
0.4612

■ 70.5941, 0.3218,
0.2870

■ 71.0825, 0.3163,
0.2797

Harmonies

Analogous

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



52.7101, 0.3160, 0.3753



52.7101, 0.2881, 0.3559



52.7101, 0.2673, 0.3288

Triad

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



52.7101, 0.2881, 0.3559



52.7101, 0.2807, 0.2812



52.7101, 0.3702, 0.3505

Complementary

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



52.7101, 0.2881, 0.3559



37.7784, 0.3461, 0.3037

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.



52.7101, 0.3600, 0.3265



52.7101, 0.2881, 0.3559



52.7101, 0.3073, 0.2878

Square

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



52.7101, 0.2881, 0.3559



52.7101, 0.2632, 0.2864



52.7101, 0.3365, 0.3040



52.7101, 0.3641, 0.3705

Rectangle

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



52.7101, 0.2881, 0.3559



52.7101, 0.2600, 0.3111



52.7101, 0.3365, 0.3040



52.7101, 0.3685, 0.3427

Sweetspot

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



52.7123, 0.2881, 0.3559



95.8389, 0.3047, 0.3368



53.6965, 0.3254, 0.3979



20.3561, 0.3032, 0.3383



0.0000, 0.0000, 0.0000



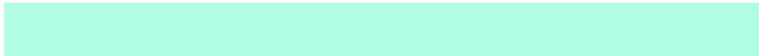
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7123, 0.2881, 0.3559



86.1579, 0.2830, 0.3630



51.1911, 0.2749, 0.3220



12.6510, 0.3034, 0.3381



28.1405, 0.2609, 0.4592



1.4663, 0.2530, 0.4308

Inverse Universe

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



37.7784, 0.3461, 0.3037



56.7651, 0.3563, 0.2977



38.7828, 0.3649, 0.3358



11.2839, 0.3231, 0.3201



8.4476, 0.5420, 0.2759



0.4505, 0.4893, 0.2469

Previews

White Background



This preview shows how the Yxy color 52.7101, 0.2881, 0.3559 looks on a white background.

Color Contrast Check

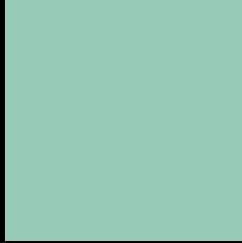
Large Text (above 18pt) WCAG AA × Fail

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 52.7101, 0.2881, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

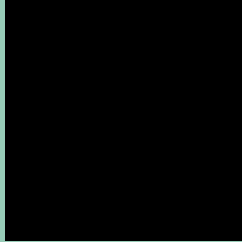
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

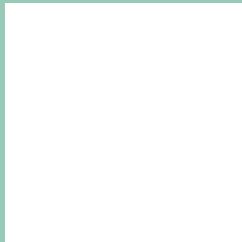
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7101, 0.2881, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 52.7101, 0.2881, 0.3559.



This preview shows how white text looks on a background with the Yxy color 52.7101, 0.2881, 0.3559.

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

52.7101, 0.2881, 0.3559

Protanopia

52.4020, 0.3301, 0.3477

Deuteranopia

52.2828, 0.3341, 0.3267



Tritanopia

52.4113, 0.2721, 0.3084

Trichromacy



Original Color

52.7101, 0.2881, 0.3559

Protanomaly

52.1086, 0.3133, 0.3496

Deuteranomaly

52.1916, 0.3156, 0.3365

Tritanomaly

52.5889, 0.2778, 0.3250

Monochromacy



Original Color

52.7101, 0.2881, 0.3559

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

50.0442, 0.3034, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7101, 0.2881, 0.3559 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(151, 203, 183)` looks like.

```
.text, #text, p{  
    color:rgb(151, 203, 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(151, 203, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 203, 183) }
```

Border

The CSS property to change the border of an element to Yxy 52.7101, 0.2881, 0.3559 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(151, 203, 183) }
```

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

```
.border{ border-color:rgb(151, 203, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 203, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 203, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 203, 183);  
box-shadow:4px 4px 4px 4px rgb(151, 203,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7101, 0.2881, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 203, 183) }
```

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

```
.background{ background-color: rgb(151,  
203, 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](#).

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