

Converting Colors

$Yxy(52.6298, 0.2899, 0.3519)$

Have a look what the booklet for
Yxy(52.6298, 0.2899, 0.3519)
contains.

Yxy(52.7124, 0.2895, 0.3517)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.7124, 0.2895, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	9BCAB9
RGB	155, 202, 185
RGB Percent	61%, 79%, 73%
CMY	0.3922, 0.2078, 0.2746
CMYK	0.23, 0.00, 0.08, 0.21
HSL	158°, 31%, 70%
HSV	158°, 23%, 79%
XYZ	43.3899, 52.7124, 53.7765
YIQ	186.0090, -22.5550, -15.2510

Conversions

Conversions Part 2

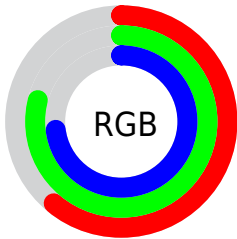
Format	Color
R _{YB}	155, 184, 202
Decimal	10209977
CIE _{Lab}	77.70, -18.91, 3.47
CIE _{LCh}	78, 19.222, 169.603
Y _{xy}	52.7124, 0.2895, 0.3517
Android (android.graphics.Color)	4288400057 (0xFF9BCAB9)
YUV	186.0090, -0.4974, -27.1949
Hunter-Lab	72.6033, -20.3788, 6.9068

Details

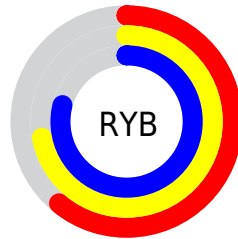
The Yxy color **52.7124, 0.2895, 0.3517** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.9717, 0.3434, 0.3075**, and the grayscale version is **49.1184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5725, 0.2934, 0.3435**, and **25.7293, 0.2834, 0.3583** is the 20% darker color. If you saturate the color by 10%, you get **50.5797, 0.2805, 0.3631**, and if you desaturate by 10%, it is **55.1997, 0.2992, 0.3413**.

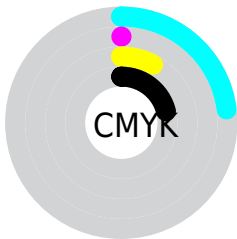
Distribution



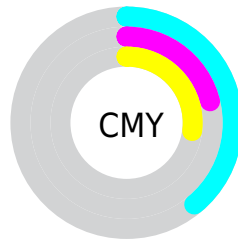
- Red (61%)
- Green (79%)
- Blue (73%)



- Red (61%)
- Yellow (72%)
- Blue (79%)



- Cyan (23%)
- Magenta (0%)
- Yellow (8%)
- Black (21%)




- Cyan (39%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7124, 0.2895, 0.3517 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 52.7124, 0.2895, 0.3517 by changing the saturation by 10% instead.


 52.7124, 0.2895,
0.3517

 52.7124, 0.2895,
0.3517


397.1807, 0.3009,
0.3404

 37.5732, 0.2867,
0.3545


 94.1810, 0.2936,
0.3476

 25.6516, 0.2831,
0.3581


 121.2793, 0.2952,
0.3461

 16.5632, 0.2784,
0.3628


153.1327, 0.2965,
0.3448

 9.9236, 0.2719,
0.3694

190.1256, 0.2976,
0.3437

 5.3483, 0.2624,
0.3792

232.6425, 0.2986,
0.3427

 2.4530, 0.2472,
0.3951

281.0677, 0.2995,

 0.8530, 0.1849,

0.3418

0.4517

335.7857, 0.3003,
0.3411

0.0000, 0.0000,
0.0000

52.7124, 0.2895,
0.3517

52.7124, 0.2895,
0.3517

50.5797, 0.2805,
0.3631

55.1997, 0.2992,
0.3413

48.7781, 0.2726,
0.3753

58.0508, 0.3093,
0.3319

47.2916, 0.2660,
0.3884

61.2825, 0.3197,
0.3234

46.1001, 0.2610,
0.4019

64.9088, 0.3301,
0.3159

45.1811, 0.2579,
0.4159

68.7561, 0.3395,
0.3093

■ 44.5086, 0.2568,
0.4299

■ 69.1558, 0.3340,
0.3020

■ 44.0516, 0.2577,
0.4438

■ 69.5726, 0.3286,
0.2949

■ 43.8280, 0.2591,
0.4529

■ 70.0070, 0.3233,
0.2879

■ 70.4589, 0.3181,
0.2810

Harmonies

Analogous

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



52.7124, 0.3143, 0.3695



52.7124, 0.2895, 0.3517



52.7124, 0.2713, 0.3276

Triad

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



52.7124, 0.2895, 0.3517



52.7124, 0.2852, 0.2862



52.7124, 0.3640, 0.3496

Complementary

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



52.7124, 0.2895, 0.3517



38.9717, 0.3434, 0.3075

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.



52.7124, 0.3557, 0.3281



52.7124, 0.2895, 0.3517



52.7124, 0.3094, 0.2925

Square

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



52.7124, 0.2895, 0.3517



52.7124, 0.2689, 0.2904



52.7124, 0.3354, 0.3076



52.7124, 0.3579, 0.3670

Rectangle

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



52.7124, 0.2895, 0.3517



52.7124, 0.2651, 0.3120



52.7124, 0.3354, 0.3076



52.7124, 0.3629, 0.3427

Sweetspot

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



52.7146, 0.2895, 0.3517



96.3611, 0.3054, 0.3354



53.4079, 0.3231, 0.3913



20.5613, 0.3048, 0.3359



0.0000, 0.0000, 0.0000



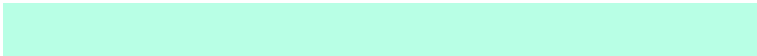
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7146, 0.2895, 0.3517



87.3266, 0.2848, 0.3574



50.5936, 0.2779, 0.3206



12.6554, 0.3031, 0.3375



28.2169, 0.2586, 0.4511



1.4699, 0.2512, 0.4243

Inverse Universe

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



38.9717, 0.3434, 0.3075



60.0007, 0.3522, 0.3025



40.5003, 0.3585, 0.3372



11.2797, 0.3234, 0.3206



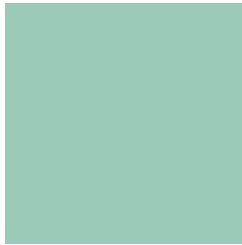
8.4063, 0.5510, 0.2809



0.4481, 0.4969, 0.2511

Previews

White Background



This preview shows how the Yxy color 52.7124, 0.2895, 0.3517 looks on a white background.

Color Contrast Check

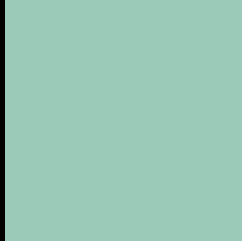
Large Text (above 18pt) WCAG AA × Fail

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 52.7124, 0.2895, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

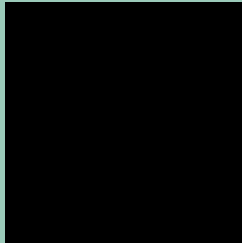
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

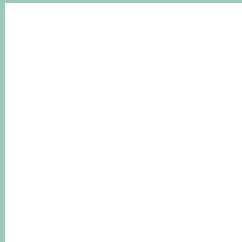
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7124, 0.2895, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 52.7124, 0.2895, 0.3517.



This preview shows how white text looks on a background with the Yxy color 52.7124, 0.2895, 0.3517.

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

52.7124, 0.2895, 0.3517

Protanopia

52.5220, 0.3278, 0.3439

Deuteranopia

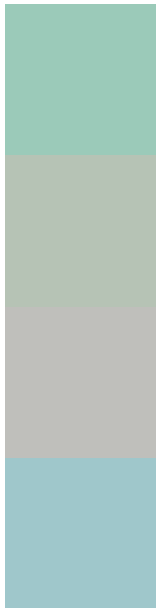
52.1776, 0.3324, 0.3255



Tritanopia

52.8203, 0.2747, 0.3086

Trichromacy



Original Color

52.7124, 0.2895, 0.3517

Protanomaly

52.3115, 0.3127, 0.3469

Deuteranomaly

51.9258, 0.3157, 0.3340

Tritanomaly

52.5296, 0.2804, 0.3237

Monochromacy



Original Color

52.7124, 0.2895, 0.3517

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.3584, 0.3036, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7124, 0.2895, 0.3517 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(155, 202, 185)` looks like.

```
.text, #text, p{  
    color:rgb(155, 202, 185)  
}
```

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(155, 202, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 202, 185) }
```

Border

The CSS property to change the border of an element to Yxy 52.7124, 0.2895, 0.3517 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(155, 202, 185) }
```

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

```
.border{ border-color:rgb(155, 202, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 202, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 202, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 202, 185);  
box-shadow:4px 4px 4px 4px rgb(155, 202,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7124, 0.2895, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 202, 185) }
```

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

```
.background{ background-color: rgb(155,  
202, 185) }
```

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