

Converting Colors

$Yxy(52.6407, 0.2872, 0.3462)$

Have a look what the booklet for
Yxy(52.6407, 0.2872, 0.3462)
contains.

Yxy(52.8837, 0.2869, 0.3462)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.8837, 0.2869, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	9BCABD
RGB	155, 202, 189
RGB Percent	61%, 79%, 74%
CMY	0.3921, 0.2078, 0.2588
CMYK	0.23, 0.00, 0.06, 0.21
HSL	163°, 31%, 70%
HSV	163°, 23%, 79%
XYZ	43.8253, 52.8837, 56.0457
YIQ	186.4650, -23.8390, -14.0070

Conversions

Conversions Part 2

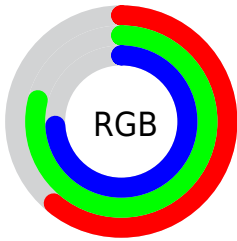
Format	Color
RYB	155, 182, 202
Decimal	10209981
CIELab	77.81, -18.06, 1.45
CIElCh	78, 18.118, 175.407
Yxy	52.8837, 0.2869, 0.3462
Android (android.graphics.Color)	4288400061 (0xFF9BCABD)
YUV	186.4650, 1.2498, -27.5948
Hunter-Lab	72.7212, -19.6892, 5.2104

Details

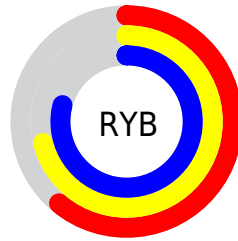
The Yxy color **52.8837, 0.2869, 0.3462** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.8306, 0.3473, 0.3125**, and the grayscale version is **49.3825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8142, 0.2913, 0.3393**, and **25.8409, 0.2800, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **50.8135, 0.2770, 0.3548**, and if you desaturate by 10%, it is **55.3019, 0.2977, 0.3383**.

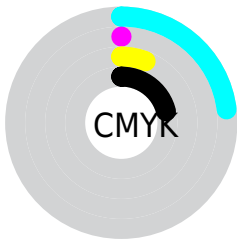
Distribution



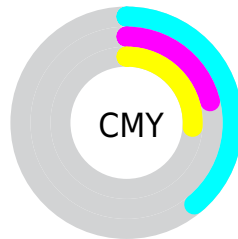
- Red (61%)
- Green (79%)
- Blue (74%)



- Red (61%)
- Yellow (71%)
- Blue (79%)



- Cyan (23%)
- Magenta (0%)
- Yellow (6%)
- Black (21%)




- Cyan (39%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8837, 0.2869, 0.3462 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 52.8837, 0.2869, 0.3462 by changing the saturation by 10% instead.


 52.8837, 0.2869,
0.3462

 52.8837, 0.2869,
0.3462


397.8388, 0.2996,
0.3377

 37.7099, 0.2838,
0.3483


 94.4332, 0.2914,
0.3432

 25.7576, 0.2799,
0.3509


 121.5777, 0.2932,
0.3420

 16.6424, 0.2748,
0.3544


153.4813, 0.2946,
0.3410

 9.9799, 0.2677,
0.3592

190.5284, 0.2959,
0.3402

 5.3856, 0.2575,
0.3663

233.1032, 0.2970,
0.3394

 2.4752, 0.2413,
0.3776

281.5903, 0.2979,

 0.8642, 0.1826,

0.3388

0.4146

336.3740, 0.2988,
0.3382

0.0000, 0.0000,
0.0000

52.8837, 0.2869,
0.3462

52.8837, 0.2869,
0.3462

50.8135, 0.2770,
0.3548

55.3019, 0.2977,
0.3383

49.0681, 0.2682,
0.3639

58.0772, 0.3090,
0.3312

47.6314, 0.2608,
0.3736

61.2264, 0.3206,
0.3247

46.4836, 0.2551,
0.3837

64.7631, 0.3322,
0.3190

45.6023, 0.2513,
0.3941

68.5081, 0.3431,
0.3139

■ 44.9618, 0.2495,
0.4046

■ 68.8036, 0.3388,
0.3083

■ 44.5311, 0.2497,
0.4149

■ 69.1091, 0.3346,
0.3027

■ 44.3216, 0.2505,
0.4219

■ 69.4245, 0.3304,
0.2973

■ 69.7501, 0.3263,
0.2919

Harmonies

Analogous

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



52.8837, 0.3095, 0.3645



52.8837, 0.2869, 0.3462



52.8837, 0.2715, 0.3233

Triad

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



52.8837, 0.2869, 0.3462



52.8837, 0.2908, 0.2890



52.8837, 0.3609, 0.3522

Complementary

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



52.8837, 0.2869, 0.3462



38.8306, 0.3473, 0.3125

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.



52.8837, 0.3557, 0.3322



52.8837, 0.2869, 0.3462



52.8837, 0.3144, 0.2968

Square

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



52.8837, 0.2869, 0.3462



52.8837, 0.2736, 0.2910



52.8837, 0.3384, 0.3123



52.8837, 0.3527, 0.3671

Rectangle

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



52.8837, 0.2869, 0.3462



52.8837, 0.2670, 0.3092



52.8837, 0.3384, 0.3123



52.8837, 0.3607, 0.3458

Sweetspot

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



52.8859, 0.2869, 0.3462



96.4565, 0.3046, 0.3338



52.9692, 0.3200, 0.3918



20.5834, 0.3039, 0.3343



0.0000, 0.0000, 0.0000



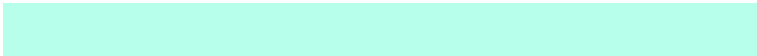
21.4041, 0.3127, 0.3290

Same Dimension

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



52.8859, 0.2869, 0.3462



87.6741, 0.2817, 0.3505



48.8544, 0.2776, 0.3154



12.6721, 0.3020, 0.3355



28.5357, 0.2501, 0.4205



1.4846, 0.2445, 0.4003

Inverse Universe

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



38.8306, 0.3473, 0.3125



59.7032, 0.3574, 0.3087



41.9035, 0.3574, 0.3422



11.2638, 0.3247, 0.3226



8.2759, 0.5824, 0.2982



0.4400, 0.5253, 0.2667

Previews

White Background



This preview shows how the Yxy color 52.8837, 0.2869, 0.3462 looks on a white background.

Color Contrast Check

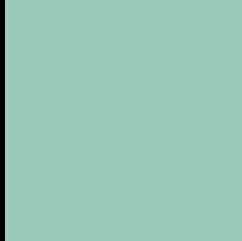
Large Text (above 18pt) WCAG AA × Fail

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 52.8837, 0.2869, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

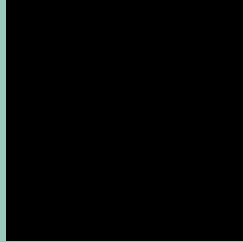
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

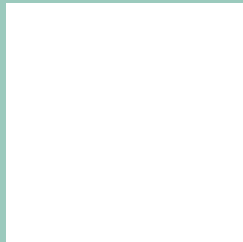
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8837, 0.2869, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 52.8837, 0.2869, 0.3462.



This preview shows how white text looks on a background with the Yxy color 52.8837, 0.2869, 0.3462.

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

52.8837, 0.2869, 0.3462

Protanopia

52.5508, 0.3238, 0.3389

Deuteranopia

52.6252, 0.3282, 0.3219



Tritanopia

52.7168, 0.2741, 0.3085

Trichromacy



Original Color

52.8837, 0.2869, 0.3462

Protanomaly

52.4781, 0.3097, 0.3417

Deuteranomaly

52.4080, 0.3118, 0.3302

Tritanomaly

52.5237, 0.2784, 0.3211

Monochromacy



Original Color

52.8837, 0.2869, 0.3462

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.4011, 0.3028, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8837, 0.2869, 0.3462 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(155, 202, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 202, 189) }
```

Border

The CSS property to change the border of an element to Yxy 52.8837, 0.2869, 0.3462 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, 189) }
```

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

```
.border{ border-color:rgb(155, 202, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 202, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 202, 189); box-shadow:4px 4px 4px 4px rgb(155, 202, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8837, 0.2869, 0.3462 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, 189) }
```

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

```
.background{ background-color: rgb(155,  
202, 189) }
```

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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