

Converting Colors

$Y_{xy}(52.2835, 0.2846, 0.3354)$

Have a look what the booklet for
Yxy(52.2835, 0.2846, 0.3354)
contains.

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Color

Yxy(52.4168, 0.2843, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	9DC8C3
RGB	157, 200, 195
RGB Percent	62%, 78%, 76%
CMY	0.3841, 0.2157, 0.2353
CMYK	0.21, 0.00, 0.02, 0.22
HSL	173°, 28%, 70%
HSV	173°, 21%, 78%
XYZ	44.4176, 52.4168, 59.4005
YIQ	186.5730, -24.0230, -10.6710

Conversions

Conversions Part 2

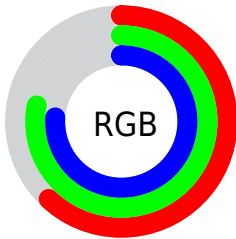
Format	Color
RYB	157, 180, 200
Decimal	10340547
CIELab	77.53, -15.13, -2.16
CIElCh	78, 15.288, 188.133
Yxy	52.4168, 0.2843, 0.3355
Android (android.graphics.Color)	4288530627 (0xFF9DC8C3)
YUV	186.5730, 4.1545, -25.9355
Hunter-Lab	72.3994, -17.1880, 2.0348

Details

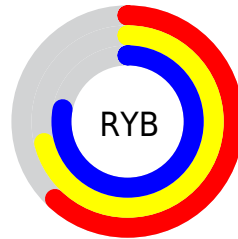
The Yxy color **52.4168, 0.2843, 0.3355** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.0252, 0.3507, 0.3227**, and the grayscale version is **49.4348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5453, 0.2887, 0.3320**, and **25.4841, 0.2773, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **50.4637, 0.2725, 0.3389**, and if you desaturate by 10%, it is **54.7052, 0.2971, 0.3323**.

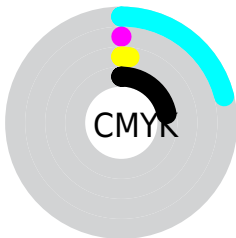
Distribution



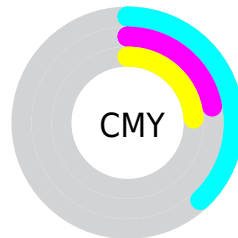
- Red (62%)
- Green (78%)
- Blue (76%)



- Red (62%)
- Yellow (71%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)





- Cyan (38%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4168, 0.2843, 0.3355 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 52.4168, 0.2843, 0.3355 by changing the saturation by 10% instead.


 52.4168, 0.2843,
0.3355


 52.4168, 0.2843,
0.3355


396.0436, 0.2982,
0.3324

 37.3374, 0.2809,
0.3362


 93.7456, 0.2893,
0.3344

 25.4688, 0.2767,
0.3371


 120.7639, 0.2911,
0.3340

 16.4267, 0.2711,
0.3383


152.5305, 0.2927,
0.3336

 9.8266, 0.2635,
0.3398

189.4300, 0.2941,
0.3333

 5.2841, 0.2526,
0.3420

231.8466, 0.2953,
0.3331

 2.4149, 0.2354,
0.3451

280.1648, 0.2964,

 0.8336, 0.1824,

0.3328

0.3596

334.7690, 0.2973,
0.3326

0.0000, 0.0000,
0.0000

52.4168, 0.2843,
0.3355

52.4168, 0.2843,
0.3355

50.4637, 0.2725,
0.3389

54.7052, 0.2971,
0.3323

48.8234, 0.2619,
0.3426

57.3372, 0.3107,
0.3294

47.4807, 0.2529,
0.3464

60.3292, 0.3247,
0.3268

46.4165, 0.2457,
0.3504

63.6942, 0.3389,
0.3244

45.6097, 0.2403,
0.3544

67.0518, 0.3514,
0.3223

■ 45.0360, 0.2369,
0.3584

■ 67.1663, 0.3496,
0.3199

■ 44.6664, 0.2352,
0.3625

■ 67.2825, 0.3478,
0.3175

■ 44.4668, 0.2350,
0.3659

■ 67.4004, 0.3459,
0.3152

■ 67.5200, 0.3441,
0.3128

Harmonies

Analogous

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



52.4168, 0.3015, 0.3532



52.4168, 0.2843, 0.3355



52.4168, 0.2747, 0.3165

Triad

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



52.4168, 0.2843, 0.3355



52.4168, 0.3023, 0.2967



52.4168, 0.3519, 0.3550

Complementary

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



52.4168, 0.2843, 0.3355



39.0252, 0.3507, 0.3227

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.



52.4168, 0.3523, 0.3394



52.4168, 0.2843, 0.3355



52.4168, 0.3232, 0.3065

Square

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



52.4168, 0.2843, 0.3355



52.4168, 0.2848, 0.2949



52.4168, 0.3417, 0.3218



52.4168, 0.3407, 0.3642

Rectangle

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



52.4168, 0.2843, 0.3355



52.4168, 0.2737, 0.3060



52.4168, 0.3417, 0.3218



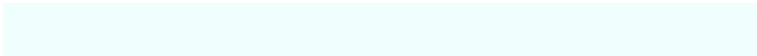
52.4168, 0.3533, 0.3502

Sweetspot

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



52.4190, 0.2843, 0.3355



97.0986, 0.3044, 0.3307



51.4301, 0.3138, 0.3874



20.7184, 0.3035, 0.3309



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.



52.4190, 0.2843, 0.3355



89.0331, 0.2783, 0.3372



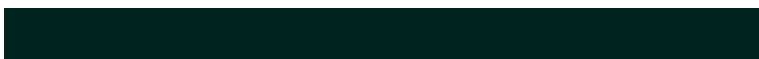
45.4331, 0.2795, 0.3069



12.0455, 0.2999, 0.3317



28.2850, 0.2348, 0.3653



1.3455, 0.2325, 0.3569

Inverse Universe

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



39.0252, 0.3507, 0.3227



61.5310, 0.3621, 0.3211



44.8018, 0.3513, 0.3501



10.6567, 0.3272, 0.3263



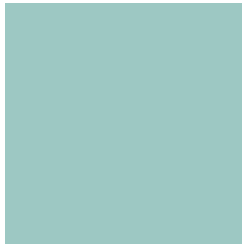
7.8547, 0.6244, 0.3213



0.3788, 0.5816, 0.2977

Previews

White Background



This preview shows how the Yxy color 52.4168, 0.2843, 0.3355 looks on a white background.

Color Contrast Check

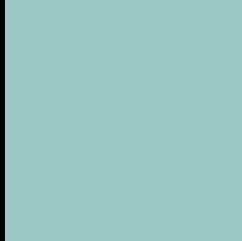
Large Text (above 18pt) WCAG AA × Fail

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 52.4168, 0.2843, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

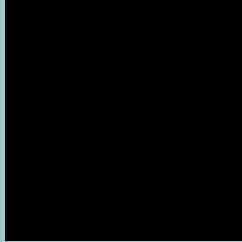
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

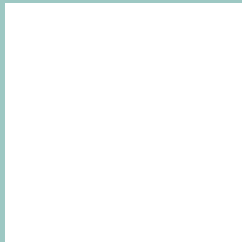
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4168, 0.2843, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 52.4168, 0.2843, 0.3355.

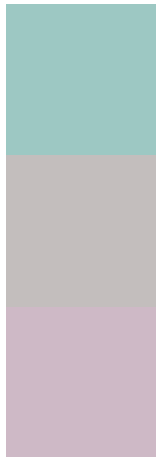


This preview shows how white text looks on a background with the Yxy color 52.4168, 0.2843, 0.3355.

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

52.4168, 0.2843, 0.3355

Protanopia

52.1031, 0.3176, 0.3303

Deuteranopia

51.8970, 0.3201, 0.3135



Tritanopia

52.3137, 0.2752, 0.3085

Trichromacy



Original Color

52.4168, 0.2843, 0.3355

Protanomaly

52.1689, 0.3046, 0.3328

Deuteranomaly

51.5495, 0.3059, 0.3203

Tritanomaly

52.3180, 0.2791, 0.3186

Monochromacy



Original Color

52.4168, 0.2843, 0.3355

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.6471, 0.3014, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4168, 0.2843, 0.3355 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(157, 200, 195)` looks like.

```
.text, #text, p{  
    color:rgb(157, 200, 195)  
}
```

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(157, 200, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 200, 195) }
```

Border

The CSS property to change the border of an element to Yxy 52.4168, 0.2843, 0.3355 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(157, 200, 195) }
```

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

```
.border{ border-color:rgb(157, 200, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 200, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 200, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 200, 195);  
box-shadow:4px 4px 4px 4px rgb(157, 200,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4168, 0.2843, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 200, 195) }
```

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

```
.background{ background-color: rgb(157,  
200, 195) }
```

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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