

Converting Colors

$Y_{xy}(50.1961, 0.2856, 0.3340)$

Have a look what the booklet for
Yxy(50.1961, 0.2856, 0.3340)
contains.

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Color

Yxy(50.3535, 0.2852, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	9CC4C0
RGB	156, 196, 192
RGB Percent	61%, 77%, 75%
CMY	0.3884, 0.2313, 0.2471
CMYK	0.20, 0.00, 0.02, 0.23
HSL	174°, 25%, 69%
HSV	174°, 20%, 77%
XYZ	42.9579, 50.3535, 57.3123
YIQ	183.5840, -22.5560, -9.7240

Conversions

Conversions Part 2

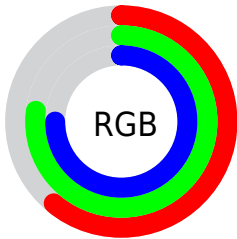
Format	Color
RYB	156, 177, 196
Decimal	10273984
CIELab	76.29, -14.07, -2.37
CIELCh	76, 14.270, 189.558
Yxy	50.3535, 0.2852, 0.3343
Android (android.graphics.Color)	4288464064 (0xFF9CC4C0)
YUV	183.5840, 4.1491, -24.1912
Hunter-Lab	70.9602, -16.1200, 1.7855

Details

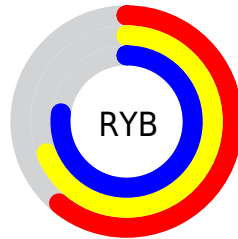
The Yxy color **50.3535, 0.2852, 0.3343** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.0417, 0.3490, 0.3238**, and the grayscale version is **47.6746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8768, 0.2902, 0.3341**, and **24.1531, 0.2775, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **48.4689, 0.2731, 0.3372**, and if you desaturate by 10%, it is **52.5589, 0.2983, 0.3316**.

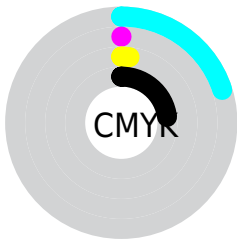
Distribution



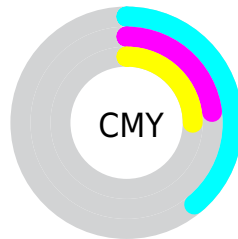
- Red (61%)
- Green (77%)
- Blue (75%)



- Red (61%)
- Yellow (69%)
- Blue (77%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)





- Cyan (39%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3535, 0.2852, 0.3343 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 50.3535, 0.2852, 0.3343 by changing the saturation by 10% instead.


 50.3535, 0.2852,
0.3343


 50.3535, 0.2852,
0.3343


388.0467, 0.2987,
0.3318

 35.6944, 0.2819,
0.3349


 90.6984, 0.2901,
0.3334

 24.1982, 0.2777,
0.3356


 117.1530, 0.2919,
0.3331

 15.4807, 0.2722,
0.3366


148.3081, 0.2935,
0.3328

 9.1575, 0.2646,
0.3378

184.5483, 0.2948,
0.3325

 4.8440, 0.2536,
0.3395

226.2578, 0.2960,
0.3323

 2.1560, 0.2361,
0.3420

273.8212, 0.2970,

 0.6959, 0.1641,

0.3321

0.3592

327.6227, 0.2979,
0.3319

0.0000, 0.0000,
0.0000

50.3535, 0.2852,
0.3343

50.3535, 0.2852,
0.3343

48.4689, 0.2731,
0.3372

52.5589, 0.2983,
0.3316

46.8839, 0.2623,
0.3403

55.0930, 0.3121,
0.3291

45.5840, 0.2530,
0.3436

57.9712, 0.3264,
0.3269

44.5515, 0.2454,
0.3470

61.2059, 0.3408,
0.3249

43.7663, 0.2397,
0.3504

64.8091, 0.3552,
0.3231

■ 43.2058, 0.2360,
0.3539

■ 65.0972, 0.3544,
0.3211

■ 42.8429, 0.2340,
0.3573

■ 65.1924, 0.3528,
0.3190

■ 42.6314, 0.2335,
0.3606

■ 65.2888, 0.3513,
0.3170

■ 65.3864, 0.3497,
0.3150

Harmonies

Analogous

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



50.3535, 0.3013, 0.3512



50.3535, 0.2852, 0.3343



50.3535, 0.2765, 0.3165

Triad

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



50.3535, 0.2852, 0.3343



50.3535, 0.3038, 0.2987



50.3535, 0.3495, 0.3542

Complementary

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



50.3535, 0.2852, 0.3343



38.0417, 0.3490, 0.3238

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.



50.3535, 0.3504, 0.3396



50.3535, 0.2852, 0.3343



50.3535, 0.3235, 0.3083

Square

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



50.3535, 0.2852, 0.3343



50.3535, 0.2870, 0.2966



50.3535, 0.3408, 0.3230



50.3535, 0.3385, 0.3625

Rectangle

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



50.3535, 0.2852, 0.3343



50.3535, 0.2759, 0.3067



50.3535, 0.3408, 0.3230



50.3535, 0.3510, 0.3498

Sweetspot

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



50.3556, 0.2852, 0.3343



97.1140, 0.3042, 0.3305



49.4248, 0.3138, 0.3842



20.7221, 0.3033, 0.3306



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.



50.3556, 0.2852, 0.3343



89.4422, 0.2791, 0.3357



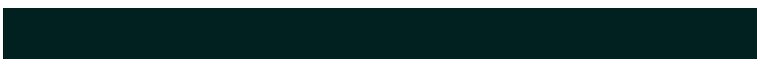
43.9615, 0.2812, 0.3081



11.4104, 0.2997, 0.3313



27.3957, 0.2334, 0.3601



1.1888, 0.2312, 0.3525

Inverse Universe

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



38.0417, 0.3490, 0.3238



62.6927, 0.3605, 0.3225



43.3831, 0.3491, 0.3490



10.0940, 0.3273, 0.3267



7.5787, 0.6269, 0.3227



0.3331, 0.5862, 0.3003

Previews

White Background



This preview shows how the Yxy color 50.3535, 0.2852, 0.3343 looks on a white background.

Color Contrast Check

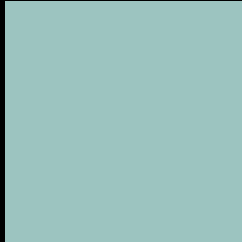
Large Text (above 18pt) WCAG AA × Fail

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 50.3535, 0.2852, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

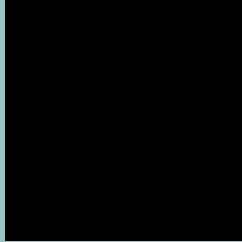
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

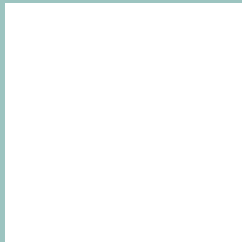
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3535, 0.2852, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 50.3535, 0.2852, 0.3343.



This preview shows how white text looks on a background with the Yxy color 50.3535, 0.2852, 0.3343.

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

50.3535, 0.2852, 0.3343

Protanopia

50.2049, 0.3160, 0.3290

Deuteranopia

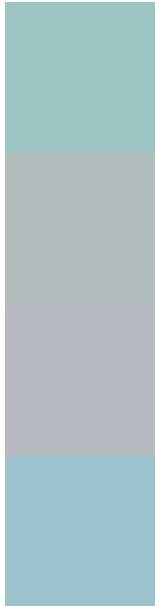
50.0925, 0.3202, 0.3133



Tritanopia

50.1143, 0.2760, 0.3082

Trichromacy



Original Color

50.3535, 0.2852, 0.3343

Protanomaly

49.9660, 0.3038, 0.3303

Deuteranomaly

49.8748, 0.3066, 0.3202

Tritanomaly

50.1645, 0.2792, 0.3171

Monochromacy



Original Color

50.3535, 0.2852, 0.3343

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.5530, 0.3021, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3535, 0.2852, 0.3343 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(156, 196, 192)` looks like.

```
.text, #text, p{  
    color:rgb(156, 196, 192)  
}
```

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(156, 196, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 196, 192) }
```

Border

The CSS property to change the border of an element to Yxy 50.3535, 0.2852, 0.3343 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(156, 196, 192) }
```

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

```
.border{ border-color:rgb(156, 196, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 196, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 196, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 196, 192); box-shadow:4px 4px 4px 4px rgb(156, 196, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3535, 0.2852, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 196, 192) }
```

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

```
.background{ background-color: rgb(156,  
196, 192) }
```

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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