

Converting Colors

$Y_{xy}(43.2758, 0.2953, 0.3535)$

Have a look what the booklet for
Yxy(43.2758, 0.2953, 0.3535)
contains.

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Color

Yxy(43.2740, 0.2953, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	93B8A7
RGB	147, 184, 167
RGB Percent	58%, 72%, 65%
CMY	0.4234, 0.2784, 0.3452
CMYK	0.20, 0.00, 0.09, 0.28
HSL	152°, 21%, 65%
HSV	152°, 20%, 72%
XYZ	36.1494, 43.2740, 42.9924
YIQ	170.9990, -16.5950, -13.1310

Conversions

Conversions Part 2

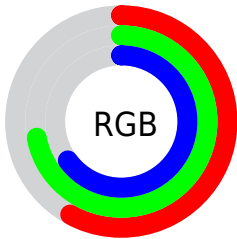
Format	Color
RYB	147, 171, 184
Decimal	9681063
CIELab	71.74, -15.93, 4.55
CIELCh	72, 16.566, 164.056
Yxy	43.2740, 0.2953, 0.3535
Android (android.graphics.Color)	4287871143 (0xFF93B8A7)
YUV	170.9990, -1.9715, -21.0471
Hunter-Lab	65.7830, -17.0300, 7.2991

Details

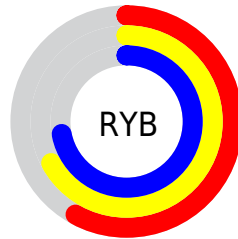
The Yxy color **43.2740, 0.2953, 0.3535** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.7487, 0.3344, 0.3058**, and the grayscale version is **40.7428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0116, 0.2983, 0.3488**, and **19.9572, 0.2904, 0.3614** is the 20% darker color. If you saturate the color by 10%, you get **41.4050, 0.2873, 0.3677**, and if you desaturate by 10%, it is **45.4392, 0.3038, 0.3406**.

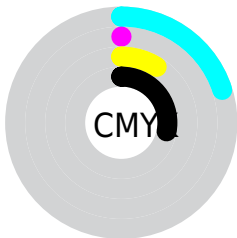
Distribution



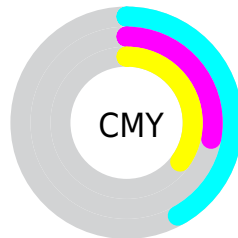
- Red (58%)
- Green (72%)
- Blue (65%)



- Red (58%)
- Yellow (67%)
- Blue (72%)



- Cyan (20%)
- Magenta (0%)
- Yellow (9%)
- Black (28%)




- Cyan (42%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2740, 0.2953, 0.3535 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 43.2740, 0.2953, 0.3535 by changing the saturation by 10% instead.


 43.2740, 0.2953,
0.3535


 43.2740, 0.2953,
0.3535


359.7374, 0.3042,
0.3409

 30.1002, 0.2930,
0.3568


 80.1242, 0.2986,
0.3488

 19.9146, 0.2900,
0.3611


 104.5693, 0.2998,
0.3471

 12.3330, 0.2860,
0.3669


133.5403, 0.3008,
0.3457

 6.9709, 0.2801,
0.3753

167.4216, 0.3017,
0.3444

 3.4439, 0.2711,
0.3885

206.5975, 0.3025,
0.3434

 1.3676, 0.2552,
0.4123

251.4526, 0.3031,

 0.1927, 0.0000,

0.3424

1.0000

302.3710, 0.3037,
0.3416

0.0000, 0.0000,
0.0000

43.2740, 0.2953,
0.3535

43.2740, 0.2953,
0.3535

41.4050, 0.2873,
0.3677

45.4392, 0.3038,
0.3406

39.8136, 0.2800,
0.3831

47.9077, 0.3126,
0.3291

38.4871, 0.2739,
0.3996

50.6929, 0.3215,
0.3188

37.4100, 0.2692,
0.4169

53.8059, 0.3303,
0.3097

36.5647, 0.2663,
0.4348

57.2573, 0.3388,
0.3017

■ 35.9316, 0.2652,
0.4527

■ 60.5937, 0.3451,
0.2945

■ 35.4873, 0.2662,
0.4703

■ 61.0483, 0.3382,
0.2862

■ 35.1870, 0.2687,
0.4872

■ 61.5260, 0.3314,
0.2780

■ 62.0269, 0.3248,
0.2701

Harmonies

Analogous

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



43.2740, 0.3187, 0.3680



43.2740, 0.2953, 0.3535



43.2740, 0.2770, 0.3320

Triad

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



43.2740, 0.2953, 0.3535



43.2740, 0.2840, 0.2894



43.2740, 0.3595, 0.3446

Complementary

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



43.2740, 0.2953, 0.3535



33.7487, 0.3344, 0.3058

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.



43.2740, 0.3495, 0.3246



43.2740, 0.2953, 0.3535



43.2740, 0.3053, 0.2935

Square

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



43.2740, 0.2953, 0.3535



43.2740, 0.2706, 0.2953



43.2740, 0.3294, 0.3062



43.2740, 0.3563, 0.3617

Rectangle

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



43.2740, 0.2953, 0.3535



43.2740, 0.2699, 0.3172



43.2740, 0.3294, 0.3062



43.2740, 0.3576, 0.3380

Sweetspot

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



43.2758, 0.2953, 0.3535



84.0899, 0.3073, 0.3359



44.3112, 0.3249, 0.3811



18.0670, 0.3068, 0.3366



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.2758, 0.2953, 0.3535



76.9242, 0.2918, 0.3594



43.4377, 0.2830, 0.3272



10.1390, 0.3045, 0.3397



24.2649, 0.2681, 0.4851



0.8677, 0.2557, 0.4407

Inverse Universe

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



33.7487, 0.3344, 0.3058



56.5862, 0.3402, 0.3005



33.5592, 0.3516, 0.3308



9.0792, 0.3218, 0.3185



7.4863, 0.5096, 0.2581



0.2764, 0.4487, 0.2245

Previews

White Background



This preview shows how the Yxy color 43.2740, 0.2953, 0.3535 looks on a white background.

Color Contrast Check

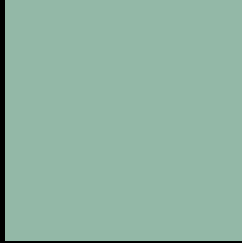
Large Text (above 18pt) WCAG AA × Fail

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 43.2740, 0.2953, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

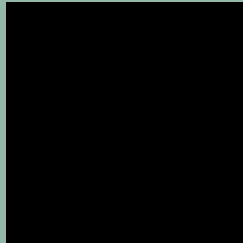
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2740, 0.2953, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 43.2740, 0.2953, 0.3535.

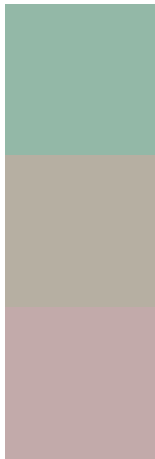


This preview shows how white text looks on a background with the Yxy color 43.2740, 0.2953, 0.3535.

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

43.2740, 0.2953, 0.3535

Protanopia

43.2137, 0.3299, 0.3465

Deuteranopia

43.1211, 0.3348, 0.3291



Tritanopia

43.2130, 0.2795, 0.3097

Trichromacy



Original Color

43.2740, 0.2953, 0.3535

Protanomaly

42.9561, 0.3162, 0.3484

Deuteranomaly

42.8716, 0.3195, 0.3371

Tritanomaly

42.9925, 0.2851, 0.3247

Monochromacy



Original Color

43.2740, 0.2953, 0.3535

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.6343, 0.3054, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2740, 0.2953, 0.3535 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(147, 184, 167)` looks like.

```
.text, #text, p{  
    color:rgb(147, 184, 167)  
}
```

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(147, 184, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 184, 167) }
```

Border

The CSS property to change the border of an element to Yxy 43.2740, 0.2953, 0.3535 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(147, 184, 167) }
```

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

```
.border{ border-color:rgb(147, 184, 167) }
```

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

Here you see how a box with a 4 pixel rgb(147, 184, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 184, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 184, 167);  
box-shadow:4px 4px 4px 4px rgb(147, 184,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2740, 0.2953, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 184, 167) }
```

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

```
.background{ background-color: rgb(147,  
184, 167) }
```

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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