

Converting Colors

Yxy(53.4754, 0.2843, 0.3540)

Have a look what the booklet for
Yxy(53.4754, 0.2843, 0.3540)
contains.

Yxy(53.5037, 0.2843, 0.3545)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.5037, 0.2843, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	94CDBA
RGB	148, 205, 186
RGB Percent	58%, 80%, 73%
CMY	0.4195, 0.1961, 0.2706
CMYK	0.28, 0.00, 0.09, 0.20
HSL	160°, 36%, 69%
HSV	160°, 28%, 80%
XYZ	42.9086, 53.5037, 54.5149
YIQ	185.7910, -27.8730, -17.9930

Conversions

Conversions Part 2

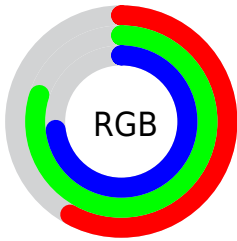
Format	Color
RYB	148, 182, 205
Decimal	9751994
CIELab	78.17, -22.35, 3.55
CIELCh	78, 22.627, 170.966
Yxy	53.5037, 0.2843, 0.3545
Android (android.graphics.Color)	4287942074 (0xFF94CDBA)
YUV	185.7910, 0.1030, -33.1427
Hunter-Lab	73.1462, -23.2953, 7.0143

Details

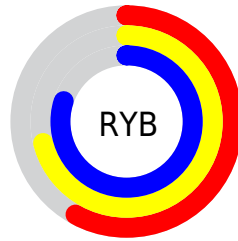
The Yxy color **53.5037, 0.2843, 0.3545** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.9565, 0.3528, 0.3050**, and the grayscale version is **48.9937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6273, 0.2889, 0.3426**, and **26.2596, 0.2762, 0.3623** is the 20% darker color. If you saturate the color by 10%, you get **51.4762, 0.2755, 0.3653**, and if you desaturate by 10%, it is **55.8881, 0.2940, 0.3445**.

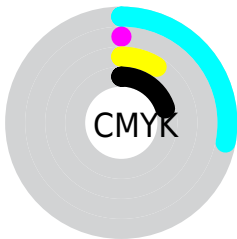
Distribution



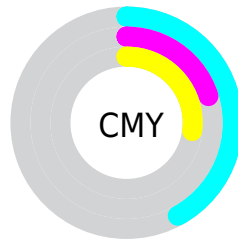
- Red (58%)
- Green (80%)
- Blue (73%)



- Red (58%)
- Yellow (71%)
- Blue (80%)



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




- Cyan (42%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5037, 0.2843, 0.3545 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 53.5037, 0.2843, 0.3545 by changing the saturation by 10% instead.


 53.5037, 0.2843,
0.3545

 53.5037, 0.2843,
0.3545

400.2146, 0.2983,
0.3419

 38.2050, 0.2809,
0.3576


 95.3451, 0.2893,
0.3499

 26.1419, 0.2766,
0.3616


 122.6567, 0.2912,
0.3482

 16.9298, 0.2709,
0.3669


154.7413, 0.2928,
0.3468

 10.1844, 0.2630,
0.3742

191.9835, 0.2942,
0.3455

 5.5214, 0.2517,
0.3851

234.7675, 0.2954,
0.3444

 2.5563, 0.2336,
0.4026

283.4777, 0.2965,

 0.9048, 0.1607,

0.3435

0.4626

338.4986, 0.2974,
0.3426

0.0000, 0.0000,
0.0000

53.5037, 0.2843,
0.3545

53.5037, 0.2843,
0.3545

51.4762, 0.2755,
0.3653

55.8881, 0.2940,
0.3445

49.7810, 0.2678,
0.3769

58.6394, 0.3044,
0.3355

48.4004, 0.2617,
0.3891

61.7756, 0.3151,
0.3273

47.3128, 0.2573,
0.4017

65.3115, 0.3259,
0.3200

46.4934, 0.2549,
0.4145

69.2608, 0.3367,
0.3135

■ 45.9133, 0.2545,
0.4273

■ 70.4708, 0.3350,
0.3069

■ 45.5309, 0.2559,
0.4399

■ 70.8560, 0.3300,
0.3001

■ 45.4583, 0.2563,
0.4427

■ 71.2564, 0.3251,
0.2935

■ 71.6722, 0.3202,
0.2871

Harmonies

Analogous

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



53.5037, 0.3130, 0.3761



53.5037, 0.2843, 0.3545



53.5037, 0.2638, 0.3258

Triad

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



53.5037, 0.2843, 0.3545



53.5037, 0.2817, 0.2793



53.5037, 0.3730, 0.3538

Complementary

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



53.5037, 0.2843, 0.3545



36.9565, 0.3528, 0.3050

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.



53.5037, 0.3640, 0.3289



53.5037, 0.2843, 0.3545



53.5037, 0.3101, 0.2873

Square

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



53.5037, 0.2843, 0.3545



53.5037, 0.2623, 0.2834



53.5037, 0.3405, 0.3051



53.5037, 0.3649, 0.3740

Rectangle

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



53.5037, 0.2843, 0.3545



53.5037, 0.2570, 0.3076



53.5037, 0.3405, 0.3051



53.5037, 0.3719, 0.3457

Sweetspot

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



53.5059, 0.2843, 0.3545



95.9035, 0.3041, 0.3357



54.1229, 0.3242, 0.4050



20.3724, 0.3025, 0.3371



0.0000, 0.0000, 0.0000



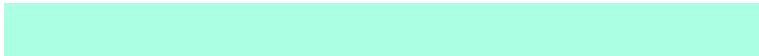
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5059, 0.2843, 0.3545



85.7031, 0.2792, 0.3605



50.3907, 0.2715, 0.3176



12.6609, 0.3027, 0.3368



28.3174, 0.2558, 0.4409



1.4746, 0.2490, 0.4163

Inverse Universe

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



36.9565, 0.3528, 0.3050



54.4491, 0.3640, 0.2999



39.0858, 0.3699, 0.3401



11.2744, 0.3239, 0.3213



8.3587, 0.5620, 0.2869



0.4453, 0.5064, 0.2563

Previews

White Background



This preview shows how the Yxy color 53.5037, 0.2843, 0.3545 looks on a white background.

Color Contrast Check

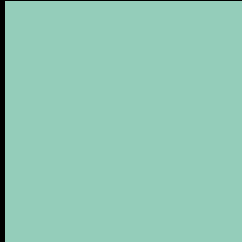
Large Text (above 18pt) WCAG AA × Fail

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 53.5037, 0.2843, 0.3545 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

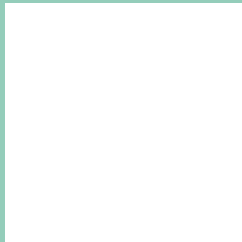
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5037, 0.2843, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 53.5037, 0.2843, 0.3545.

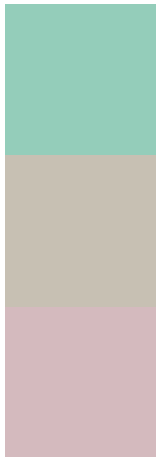


This preview shows how white text looks on a background with the Yxy color 53.5037, 0.2843, 0.3545.

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

53.5037, 0.2843, 0.3545

Protanopia

53.0961, 0.3285, 0.3451

Deuteranopia

52.8326, 0.3315, 0.3243



Tritanopia

53.6531, 0.2687, 0.3085

Trichromacy



Original Color

53.5037, 0.2843, 0.3545

Protanomaly

53.0132, 0.3102, 0.3482

Deuteranomaly

52.6329, 0.3125, 0.3340

Tritanomaly

53.3727, 0.2742, 0.3237

Monochromacy



Original Color

53.5037, 0.2843, 0.3545

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.4558, 0.3012, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5037, 0.2843, 0.3545 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(148, 205, 186)` looks like.

```
.text, #text, p{  
    color:rgb(148, 205, 186)  
}
```

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(148, 205, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 205, 186) }
```

Border

The CSS property to change the border of an element to Yxy 53.5037, 0.2843, 0.3545 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(148, 205, 186) }
```

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

```
.border{ border-color:rgb(148, 205, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 205, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 205, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 205, 186);  
box-shadow:4px 4px 4px 4px rgb(148, 205,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5037, 0.2843, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 205, 186) }
```

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

```
.background{ background-color: rgb(148,  
205, 186) }
```

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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