

Converting Colors

$Yxy(43.9688, 0.2493, 0.3373)$

Have a look what the booklet for
Yxy(43.9688, 0.2493, 0.3373)
contains.

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Color

Yxy(44.0549, 0.2496, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	5DC1BB
RGB	93, 193, 187
RGB Percent	36%, 76%, 73%
CMY	0.6354, 0.2431, 0.2666
CMYK	0.52, 0.00, 0.03, 0.24
HSL	176°, 45%, 56%
HSV	176°, 52%, 76%
XYZ	32.5521, 44.0549, 53.8101
YIQ	162.4160, -57.6740, -23.0660

Conversions

Conversions Part 2

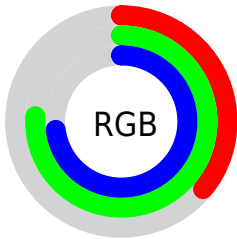
Format	Color
RYB	93, 145, 193
Decimal	6144443
CIELab	72.27, -30.63, -5.94
CIElCh	72, 31.200, 190.980
Yxy	44.0549, 0.2496, 0.3378
Android (android.graphics.Color)	4284334523 (0xFF5DC1BB)
YUV	162.4160, 12.1199, -60.8778
Hunter-Lab	66.3739, -28.6115, -1.6054

Details

The Yxy color **44.0549, 0.2496, 0.3378** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **20.0607, 0.4512, 0.3215**, and the grayscale version is **36.2959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4216, 0.2611, 0.3368**, and **20.3931, 0.2319, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **43.1245, 0.2420, 0.3398**, and if you desaturate by 10%, it is **45.2432, 0.2590, 0.3359**.

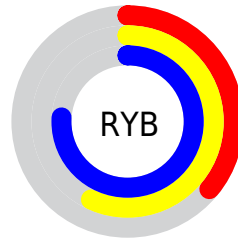
Distribution



Red (36%)

Green (76%)

Blue (73%)



Red (36%)

Yellow (57%)

Blue (76%)

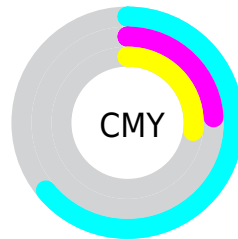


Cyan (52%)

Magenta (0%)

Yellow (3%)

Black (24%)



Cyan (64%)


Magenta (24%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0549, 0.2496, 0.3378 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 44.0549, 0.2496, 0.3378 by changing the saturation by 10% instead.


 44.0549, 0.2496,
0.3378

 44.0549, 0.2496,
0.3378

362.9323, 0.2809,
0.3339


 30.7137, 0.2419,
0.3386


 81.3003, 0.2609,
0.3365


 20.3809, 0.2320,
0.3395


 105.9734, 0.2652,
0.3360

 12.6722, 0.2191,
0.3405


 135.1924, 0.2688,
0.3356

 7.2032, 0.2013,
0.3415

 169.3419, 0.2719,
0.3352

 3.5895, 0.1755,
0.3420

208.8063, 0.2746,
0.3348

 1.4467, 0.1288,
0.3433

253.9698, 0.2770,

 0.2508, 0.0000,

0.3345

0.2670

305.2170, 0.2791,
0.3342

0.0000, 0.0000,
0.0000

44.0549, 0.2496,
0.3378

44.0549, 0.2496,
0.3378

43.1245, 0.2420,
0.3398

45.2432, 0.2590,
0.3359

42.4275, 0.2363,
0.3418

46.7017, 0.2700,
0.3341

41.9430, 0.2325,
0.3438

48.4481, 0.2823,
0.3323

41.6445, 0.2305,
0.3457

50.4972, 0.2958,
0.3307

41.4975, 0.2298,
0.3473

52.8625, 0.3100,
0.3293

■ 55.5571, 0.3248,
0.3279

■ 58.5929, 0.3399,
0.3267

■ 61.9816, 0.3549,
0.3257

■ 63.4531, 0.3603,
0.3246

Harmonies

Analogous

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



44.0549, 0.2836, 0.3801



44.0549, 0.2496, 0.3378



44.0549, 0.2325, 0.2964

Triad

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



44.0549, 0.2496, 0.3378



44.0549, 0.2935, 0.2639



44.0549, 0.3958, 0.3847

Complementary

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



44.0549, 0.2496, 0.3378



20.0607, 0.4512, 0.3215

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.



44.0549, 0.4002, 0.3516



44.0549, 0.2496, 0.3378



44.0549, 0.3387, 0.2848

Square

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



44.0549, 0.2496, 0.3378



44.0549, 0.2564, 0.2575



44.0549, 0.3788, 0.3159



44.0549, 0.3683, 0.4063

Rectangle

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



44.0549, 0.2496, 0.3378



44.0549, 0.2320, 0.2757



44.0549, 0.3788, 0.3159



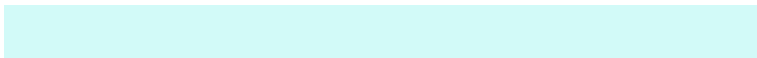
44.0549, 0.4001, 0.3745

Sweetspot

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



44.0566, 0.2496, 0.3378



88.7451, 0.2897, 0.3314



41.6209, 0.3094, 0.4904



18.8767, 0.2869, 0.3318



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



44.0566, 0.2496, 0.3378



77.0683, 0.2413, 0.3400



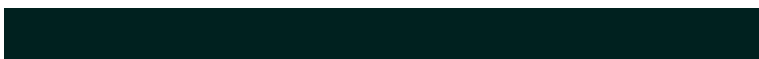
27.8785, 0.2327, 0.2596



11.4177, 0.2992, 0.3304



27.6030, 0.2297, 0.3471



1.1959, 0.2285, 0.3427

Inverse Universe

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



20.0607, 0.4512, 0.3215



29.4874, 0.5004, 0.3209



29.8254, 0.4261, 0.3873



10.0874, 0.3280, 0.3277



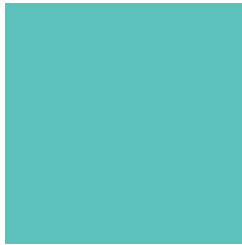
7.5618, 0.6327, 0.3259



0.3302, 0.6066, 0.3115

Previews

White Background



This preview shows how the Yxy color 44.0549, 0.2496, 0.3378 looks on a white background.

Color Contrast Check

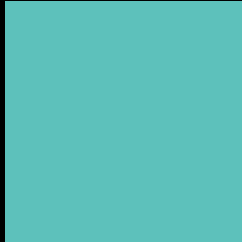
Large Text (above 18pt) WCAG AA × Fail

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 44.0549, 0.2496, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

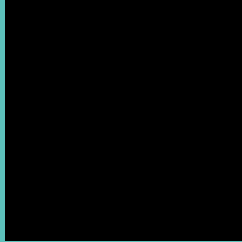
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

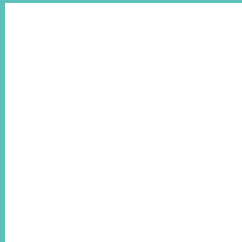
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0549, 0.2496, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 44.0549, 0.2496, 0.3378.

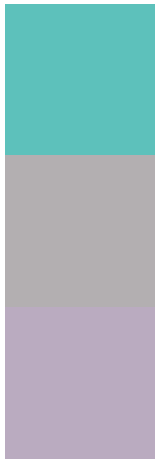


This preview shows how white text looks on a background with the Yxy color 44.0549, 0.2496, 0.3378.

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

44.0549, 0.2496, 0.3378

Protanopia

43.4180, 0.3146, 0.3263

Deuteranopia

43.3707, 0.3087, 0.3020



Tritanopia

43.9358, 0.2415, 0.3058

Trichromacy



Original Color

44.0549, 0.2496, 0.3378

Protanomaly

43.0880, 0.2858, 0.3303

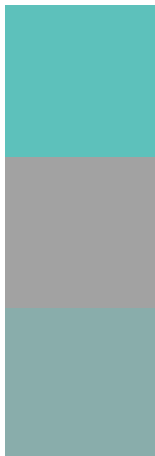
Deuteranomaly

42.6333, 0.2823, 0.3137

Tritanomaly

43.9265, 0.2445, 0.3171

Monochromacy



Original Color

44.0549, 0.2496, 0.3378

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

38.1458, 0.2837, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0549, 0.2496, 0.3378 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(93, 193, 187)` looks like.

```
.text, #text, p{  
    color:rgb(93, 193, 187)  
}
```

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(93, 193, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 193, 187) }
```

Border

The CSS property to change the border of an element to Yxy 44.0549, 0.2496, 0.3378 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(93, 193, 187) }
```

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

```
.border{ border-color:rgb(93, 193, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 193, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 193, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 193, 187);  
box-shadow:4px 4px 4px 4px rgb(93, 193,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0549, 0.2496, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 193, 187) }
```

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

```
.background{ background-color: rgb(93, 193,  
187) }
```

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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