

Converting Colors

$Yxy(43.5194, 0.2458, 0.3594)$

Have a look what the booklet for
Yxy(43.5194, 0.2458, 0.3594)
contains.

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Color

Yxy(43.3937, 0.2457, 0.3586)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 44C3B0 |
| RGB | 68, 195, 176 |
| RGB Percent | 27%, 76%, 69% |
| CMY | 0.7336, 0.2353, 0.3098 |
| CMYK | 0.65, 0.00, 0.10, 0.24 |
| HSL | 171°, 51%, 52% |
| HSV | 171°, 65%, 76% |
| XYZ | 29.7318, 43.3937, 47.8831 |
| YIQ | 154.8610, -69.5930, -32.8330 |

Conversions

Conversions Part 2

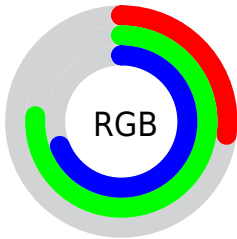
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 68, 137, 195 |
| Decimal | 4506544 |
| CIELab | 71.82, -39.13, -0.68 |
| CIElCh | 72, 39.131, 180.988 |
| Yxy | 43.3937, 0.2457, 0.3586 |
| Android (android.graphics.Color) | 4282696624 (0xFF44C3B0) |
| YUV | 154.8610, 10.4215, -76.1771 |
| Hunter-Lab | 65.8739, -34.7143, 3.0144 |

Details

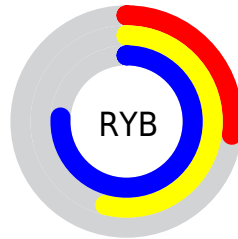
The Yxy color **43.3937, 0.2457, 0.3586** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **16.4169, 0.4914, 0.3069**, and the grayscale version is **32.6829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1928, 0.2575, 0.3525**, and **20.5050, 0.2350, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **42.6935, 0.2413, 0.3639**, and if you desaturate by 10%, it is **44.3328, 0.2520, 0.3534**.

Distribution



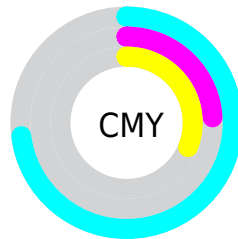
- Red (27%)
- Green (76%)
- Blue (69%)



- Red (27%)
- Yellow (54%)
- Blue (76%)



- Cyan (65%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)





- Cyan (73%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3937, 0.2457, 0.3586 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 43.3937, 0.2457, 0.3586 by changing the saturation by 10% instead.


 43.3937, 0.2457,
0.3586


 43.3937, 0.2457,
0.3586


360.2284, 0.2793,
0.3438


 30.1941, 0.2373,
0.3623


 80.3046, 0.2579,
0.3533


 19.9860, 0.2266,
0.3669


 104.7848, 0.2625,
0.3512

 12.3849, 0.2124,
0.3731


 133.7939, 0.2664,
0.3495

 7.0064, 0.1928,
0.3815

 167.7165, 0.2697,
0.3481

 3.4661, 0.1643,
0.3937

 206.9368, 0.2726,
0.3468

 1.3796, 0.0893,
0.4265

251.8393, 0.2751,

 0.2016, 0.0000,

0.3457

0.4305

302.8083, 0.2773,
0.3447

0.0000, 0.0000,
0.0000

43.3937, 0.2457,
0.3586

43.3937, 0.2457,
0.3586

42.6935, 0.2413,
0.3639

44.3328, 0.2520,
0.3534

42.2030, 0.2388,
0.3692

45.5266, 0.2602,
0.3484

41.8943, 0.2380,
0.3744

46.9954, 0.2699,
0.3435

41.7814, 0.2380,
0.3770

48.7561, 0.2809,
0.3390

50.8241, 0.2930,
0.3348

■ 53.2137, 0.3059,
0.3309

■ 55.9386, 0.3192,
0.3273

■ 59.0114, 0.3328,
0.3242

■ 62.4440, 0.3465,
0.3214

Harmonies

Analogous

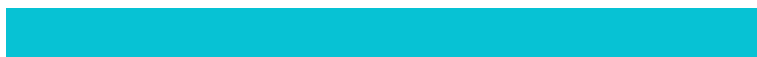
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.3937, 0.2927, 0.4092



43.3937, 0.2457, 0.3586



43.3937, 0.2178, 0.3027

Triad

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



43.3937, 0.2457, 0.3586



43.3937, 0.2712, 0.2442



43.3937, 0.4224, 0.3838

Complementary

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



43.3937, 0.2457, 0.3586



16.4169, 0.4914, 0.3069

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.



43.3937, 0.4177, 0.3406



43.3937, 0.2457, 0.3586



43.3937, 0.3257, 0.2643

Square

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



43.3937, 0.2457, 0.3586



43.3937, 0.2316, 0.2424



43.3937, 0.3810, 0.2984



43.3937, 0.3956, 0.4185

Rectangle

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



43.3937, 0.2457, 0.3586



43.3937, 0.2121, 0.2731



43.3937, 0.3810, 0.2984



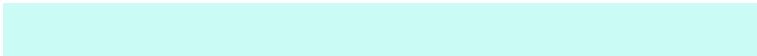
43.3937, 0.4247, 0.3698

Sweetspot

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



43.3954, 0.2457, 0.3586



89.0411, 0.2867, 0.3369



41.4767, 0.3134, 0.5308



19.2723, 0.2832, 0.3381



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.



43.3954, 0.2457, 0.3586



76.0589, 0.2400, 0.3660



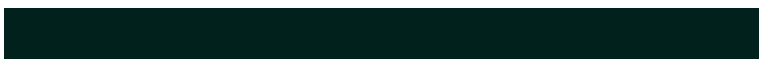
27.1504, 0.2190, 0.2561



11.4017, 0.3004, 0.3325



27.1628, 0.2378, 0.3762



1.1808, 0.2346, 0.3645

Inverse Universe

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



16.4169, 0.4914, 0.3069



24.2192, 0.5518, 0.3084



23.6991, 0.4773, 0.3849



10.1019, 0.3266, 0.3256



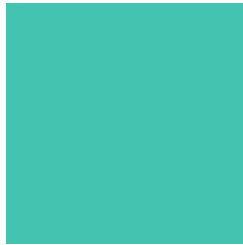
7.6068, 0.6175, 0.3176



0.3367, 0.5641, 0.2881

Previews

White Background



This preview shows how the Yxy color 43.3937, 0.2457, 0.3586 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 43.3937, 0.2457, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

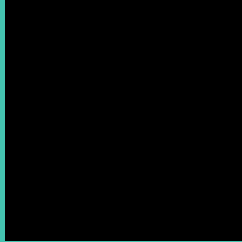
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

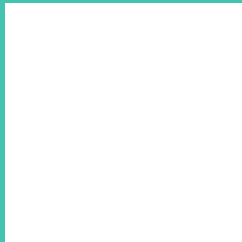
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3937, 0.2457, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 43.3937, 0.2457, 0.3586.

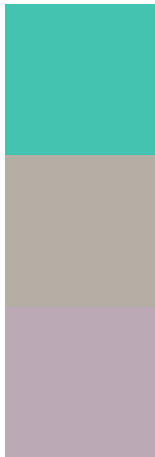


This preview shows how white text looks on a background with the Yxy color 43.3937, 0.2457, 0.3586.

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

43.3937, 0.2457, 0.3586

Protanopia

42.6557, 0.3265, 0.3425

Deuteranopia

42.4447, 0.3190, 0.3121



Tritanopia

43.5117, 0.2345, 0.3068

Trichromacy



Original Color

43.3937, 0.2457, 0.3586



Protanomaly

41.7720, 0.2882, 0.3495



Deuteranomaly

41.0654, 0.2831, 0.3260



Tritanomaly

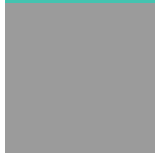
43.2172, 0.2383, 0.3243

Monochromacy



Original Color

43.3937, 0.2457, 0.3586



Achromatopsia

32.7778, 0.3127, 0.3290



Achromatomaly

35.6047, 0.2783, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3937, 0.2457, 0.3586 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(68, 195, 176)` looks like.

```
.text, #text, p{  
    color:rgb(68, 195, 176)  
}
```

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(68, 195, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 195, 176) }
```

Border

The CSS property to change the border of an element to Yxy 43.3937, 0.2457, 0.3586 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(68, 195, 176) }
```

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

```
.border{ border-color:rgb(68, 195, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 195, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 195, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 195, 176);  
box-shadow:4px 4px 4px 4px rgb(68, 195,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3937, 0.2457, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 195, 176) }
```

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

```
.background{ background-color: rgb(68, 195,  
176) }
```

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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