

Converting Colors

$Yxy(43.5369, 0.2400, 0.3494)$

Have a look what the booklet for
Yxy(43.5369, 0.2400, 0.3494)
contains.

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Color

Yxy(43.3683, 0.2400, 0.3491)

Conversions

Conversions Part 1

Format	Color
Hex	3CC3B6
RGB	60, 195, 182
RGB Percent	24%, 76%, 71%
CMY	0.7652, 0.2352, 0.2863
CMYK	0.69, 0.00, 0.07, 0.24
HSL	174°, 53%, 50%
HSV	174°, 69%, 76%
XYZ	29.8149, 43.3683, 51.0456
YIQ	153.1530, -76.2870, -32.6630

Conversions

Conversions Part 2

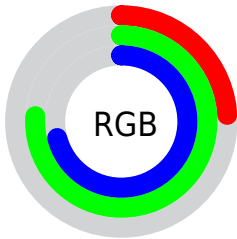
Format	Color
R _{YB}	60, 131, 195
Decimal	3982262
CIE Lab	71.80, -38.74, -3.98
CIE LCh	72, 38.940, 185.869
Yxy	43.3683, 0.2400, 0.3491
Android (android.graphics.Color)	4282172342 (0xFF3CC3B6)
YUV	153.1530, 14.2216, -81.6952
Hunter-Lab	65.8546, -34.4317, 0.1410

Details

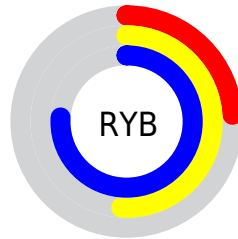
The Yxy color **43.3683, 0.2400, 0.3491** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **15.3030, 0.5217, 0.3153**, and the grayscale version is **31.8732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1538, 0.2529, 0.3453**, and **20.6347, 0.2319, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **42.7945, 0.2360, 0.3524**, and if you desaturate by 10%, it is **44.1700, 0.2459, 0.3458**.

Distribution



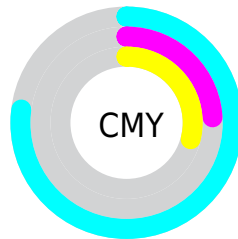
- Red (24%)
- Green (76%)
- Blue (71%)



- Red (24%)
- Yellow (51%)
- Blue (76%)



- Cyan (69%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)





- Cyan (77%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3683, 0.2400, 0.3491 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 43.3683, 0.2400, 0.3491 by changing the saturation by 10% instead.


 43.3683, 0.2400,
0.3491


 43.3683, 0.2400,
0.3491


360.1242, 0.2762,
0.3395

 30.1742, 0.2311,
0.3513


 80.2663, 0.2531,
0.3457

 19.9708, 0.2197,
0.3541


 104.7391, 0.2580,
0.3444


 12.3739, 0.2047,
0.3575


 133.7401, 0.2622,
0.3433

 6.9988, 0.1842,
0.3619

 167.6539, 0.2658,
0.3424

 3.4614, 0.1547,
0.3674

 206.8648, 0.2689,
0.3415

 1.3771, 0.0828,
0.3848

251.7572, 0.2717,

 0.1997, 0.0000,

0.3408

0.2871

302.7156, 0.2741,
0.3401

■ 0.0000, 0.0000,
0.0000

■ 43.3683, 0.2400,
0.3491

■ 43.3683, 0.2400,
0.3491

■ 42.7945, 0.2360,
0.3524

■ 44.1700, 0.2459,
0.3458

■ 42.4177, 0.2338,
0.3557

■ 45.2167, 0.2537,
0.3426

■ 42.1933, 0.2331,
0.3589

■ 46.5295, 0.2632,
0.3395

■ 42.1792, 0.2331,
0.3592

■ 48.1260, 0.2743,
0.3365

■ 50.0220, 0.2865,
0.3338

■ 52.2325, 0.2998,
0.3312

■ 54.7712, 0.3137,
0.3288

■ 57.6512, 0.3281,
0.3267

■ 60.8846, 0.3426,
0.3248

Harmonies

Analogous

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



43.3683, 0.2843, 0.4020



43.3683, 0.2400, 0.3491



43.3683, 0.2159, 0.2949

Triad

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



43.3683, 0.2400, 0.3491



43.3683, 0.2794, 0.2466



43.3683, 0.4196, 0.3901

Complementary

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



43.3683, 0.2400, 0.3491



15.3030, 0.5217, 0.3153

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.



43.3683, 0.4203, 0.3478



43.3683, 0.2400, 0.3491



43.3683, 0.3350, 0.2693

Square

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



43.3683, 0.2400, 0.3491



43.3683, 0.2370, 0.2417



43.3683, 0.3884, 0.3050



43.3683, 0.3886, 0.4220

Rectangle

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



43.3683, 0.2400, 0.3491



43.3683, 0.2127, 0.2675



43.3683, 0.3884, 0.3050



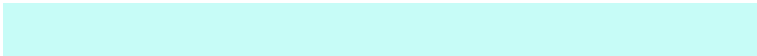
43.3683, 0.4235, 0.3766

Sweetspot

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



43.3700, 0.2400, 0.3491



88.8419, 0.2840, 0.3343



40.7932, 0.3089, 0.5452



19.2408, 0.2805, 0.3351



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.



43.3700, 0.2400, 0.3491



76.2557, 0.2347, 0.3540



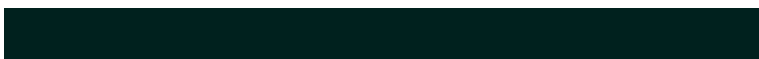
23.9358, 0.2116, 0.2386



11.4112, 0.2997, 0.3312



27.4168, 0.2330, 0.3587



1.1896, 0.2310, 0.3514

Inverse Universe

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



15.3030, 0.5217, 0.3153



22.8615, 0.5855, 0.3182



23.9486, 0.4839, 0.3951



10.0933, 0.3274, 0.3268



7.5767, 0.6276, 0.3231



0.3328, 0.5883, 0.3014

Previews

White Background



This preview shows how the Yxy color 43.3683, 0.2400, 0.3491 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 43.3683, 0.2400, 0.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

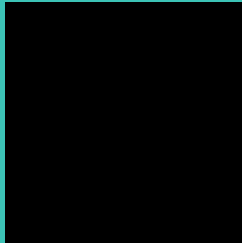
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

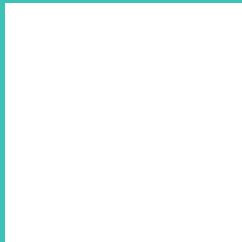
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3683, 0.2400, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 43.3683, 0.2400, 0.3491.

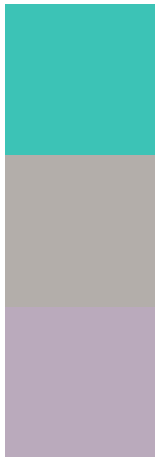


This preview shows how white text looks on a background with the Yxy color 43.3683, 0.2400, 0.3491.

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

43.3683, 0.2400, 0.3491

Protanopia

42.7581, 0.3205, 0.3344

Deuteranopia

42.8194, 0.3120, 0.3057



Tritanopia

43.1831, 0.2307, 0.3052

Trichromacy



Original Color

43.3683, 0.2400, 0.3491



Protanomaly

41.7461, 0.2817, 0.3406



Deuteranomaly

41.3608, 0.2760, 0.3189



Tritanomaly

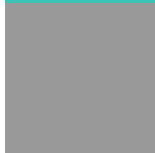
43.0054, 0.2337, 0.3197

Monochromacy



Original Color

43.3683, 0.2400, 0.3491



Achromatopsia

31.8547, 0.3127, 0.3290



Achromatomaly

34.6075, 0.2743, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3683, 0.2400, 0.3491 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(60, 195, 182)` looks like.

```
.text, #text, p{  
    color:rgb(60, 195, 182)  
}
```

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(60, 195, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 195, 182) }
```

Border

The CSS property to change the border of an element to Yxy 43.3683, 0.2400, 0.3491 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(60, 195, 182) }
```

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

```
.border{ border-color:rgb(60, 195, 182) }
```

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

Here you see how a box with a 4 pixel rgb(60, 195, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 195, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 195, 182);  
box-shadow:4px 4px 4px 4px rgb(60, 195,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3683, 0.2400, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 195, 182) }
```

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

```
.background{ background-color: rgb(60, 195,  
182) }
```

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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