

Converting Colors

$Yxy(44.4290, 0.2400, 0.3578)$

Have a look what the booklet for
Yxy(44.4290, 0.2400, 0.3578)
contains.

Yxy(44.4135, 0.2399, 0.3569)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.4135, 0.2399, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	34C6B4
RGB	52, 198, 180
RGB Percent	20%, 78%, 71%
CMY	0.7954, 0.2235, 0.2941
CMYK	0.74, 0.00, 0.09, 0.22
HSL	173°, 58%, 49%
HSV	173°, 74%, 78%
XYZ	29.8537, 44.4135, 50.1752
YIQ	152.2940, -81.2380, -36.5500

Conversions

Conversions Part 2

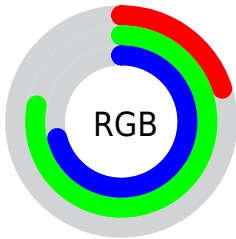
Format	Color
RYB	52, 130, 198
Decimal	3458740
CIELab	72.50, -41.60, -1.89
CIElCh	73, 41.647, 182.597
Yxy	44.4135, 0.2399, 0.3569
Android (android.graphics.Color)	4281648820 (0xFF34C6B4)
YUV	152.2940, 13.6591, -87.9578
Hunter-Lab	66.6435, -36.6648, 2.0116

Details

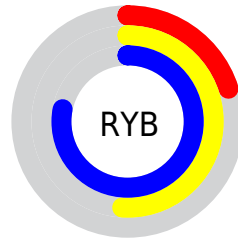
The Yxy color **44.4135, 0.2399, 0.3569** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **14.9198, 0.5351, 0.3115**, and the grayscale version is **31.5192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6411, 0.2529, 0.3512**, and **21.1772, 0.2343, 0.3634** is the 20% darker color. If you saturate the color by 10%, you get **43.8950, 0.2369, 0.3612**, and if you desaturate by 10%, it is **45.1576, 0.2448, 0.3526**.

Distribution



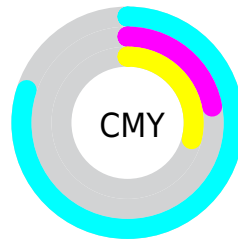
- Red (20%)
- Green (78%)
- Blue (71%)



- Red (20%)
- Yellow (51%)
- Blue (78%)



- Cyan (74%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)





- Cyan (80%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4135, 0.2399, 0.3569 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 44.4135, 0.2399, 0.3569 by changing the saturation by 10% instead.

 44.4135, 0.2399,
0.3569

 44.4135, 0.2399,
0.3569

364.3930, 0.2761,
0.3432

 30.9957, 0.2310,
0.3602


 81.8396, 0.2530,
0.3520


 20.5956, 0.2196,
0.3644


 106.6167, 0.2579,
0.3502


 12.8287, 0.2046,
0.3698


 135.9490, 0.2621,
0.3486

 7.3107, 0.1841,
0.3770

 170.2210, 0.2657,
0.3472

 3.6572, 0.1547,
0.3870

 209.8170, 0.2688,
0.3460

 1.4837, 0.0835,
0.4130

255.1214, 0.2716,

 0.2772, 0.0000,

0.3450

0.3899

306.5186, 0.2740,
0.3441

■ 0.0000, 0.0000,
0.0000

■ 44.4135, 0.2399,
0.3569

■ 44.4135, 0.2399,
0.3569

■ 43.8950, 0.2369,
0.3612

■ 45.1576, 0.2448,
0.3526

■ 43.5674, 0.2357,
0.3655

■ 46.1466, 0.2516,
0.3484

■ 43.4245, 0.2356,
0.3682

■ 47.4036, 0.2602,
0.3443

■ 48.9475, 0.2703,
0.3404

■ 50.7956, 0.2818,
0.3367

■ 52.9638, 0.2944,
0.3332

■ 55.4667, 0.3077,
0.3301

■ 58.3184, 0.3215,
0.3272

■ 61.5317, 0.3356,
0.3247

Harmonies

Analogous

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



44.4135, 0.2883, 0.4119



44.4135, 0.2399, 0.3569



44.4135, 0.2121, 0.2981

Triad

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



44.4135, 0.2399, 0.3569



44.4135, 0.2716, 0.2407



44.4135, 0.4276, 0.3884

Complementary

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



44.4135, 0.2399, 0.3569



14.9198, 0.5351, 0.3115

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.



44.4135, 0.4248, 0.3433



44.4135, 0.2399, 0.3569



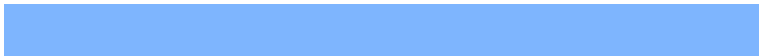
44.4135, 0.3295, 0.2627

Square

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



44.4135, 0.2399, 0.3569



44.4135, 0.2292, 0.2376



44.4135, 0.3876, 0.2989



44.4135, 0.3976, 0.4246

Rectangle

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



44.4135, 0.2399, 0.3569



44.4135, 0.2071, 0.2677



44.4135, 0.3876, 0.2989



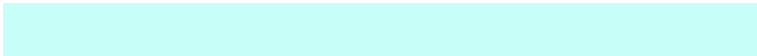
44.4135, 0.4307, 0.3738

Sweetspot

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



44.4152, 0.2399, 0.3569



90.4304, 0.2835, 0.3362



41.9978, 0.3103, 0.5556



19.1468, 0.2801, 0.3372



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.



44.4152, 0.2399, 0.3569



77.3678, 0.2360, 0.3636



24.9166, 0.2090, 0.2403



12.0442, 0.3000, 0.3319



28.2503, 0.2354, 0.3676



1.3442, 0.2330, 0.3587

Inverse Universe

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



14.9198, 0.5351, 0.3115



22.5277, 0.5970, 0.3165



22.4873, 0.5040, 0.3905



10.6579, 0.3270, 0.3262



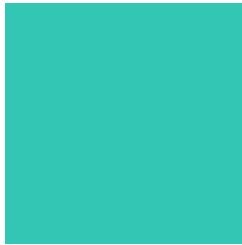
7.8587, 0.6231, 0.3206



0.3793, 0.5785, 0.2961

Previews

White Background



This preview shows how the Yxy color 44.4135, 0.2399, 0.3569 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 44.4135, 0.2399, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

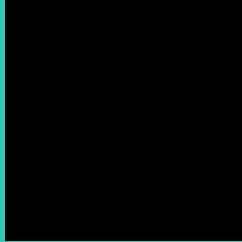
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

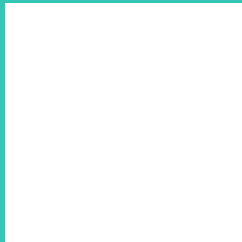
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4135, 0.2399, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 44.4135, 0.2399, 0.3569.

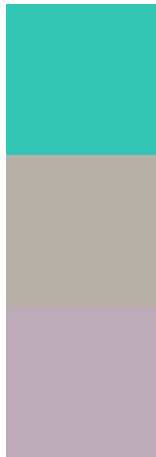


This preview shows how white text looks on a background with the Yxy color 44.4135, 0.2399, 0.3569.

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

44.4135, 0.2399, 0.3569

Protanopia

43.7858, 0.3255, 0.3410

Deuteranopia

43.4898, 0.3163, 0.3097



Tritanopia

44.4891, 0.2299, 0.3069

Trichromacy



Original Color

44.4135, 0.2399, 0.3569



Protanomaly

42.4104, 0.2825, 0.3465



Deuteranomaly

41.9974, 0.2769, 0.3246



Tritanomaly

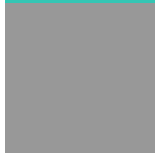
44.1974, 0.2335, 0.3243

Monochromacy



Original Color

44.4135, 0.2399, 0.3569



Achromatopsia

31.3989, 0.3127, 0.3290



Achromatomaly

34.6976, 0.2736, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4135, 0.2399, 0.3569 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(52, 198, 180)` looks like.

```
.text, #text, p{  
    color:rgb(52, 198, 180)  
}
```

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(52, 198, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 198, 180) }
```

Border

The CSS property to change the border of an element to Yxy 44.4135, 0.2399, 0.3569 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(52, 198, 180) }
```

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

```
.border{ border-color:rgb(52, 198, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 198, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 198, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 198, 180);  
box-shadow:4px 4px 4px 4px rgb(52, 198,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4135, 0.2399, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 198, 180) }
```

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

```
.background{ background-color: rgb(52, 198,  
180) }
```

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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