

Converting Colors

$Yxy(44.5403, 0.2378, 0.3480)$

Have a look what the booklet for
Yxy(44.5403, 0.2378, 0.3480)
contains.

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Color

Yxy(44.6752, 0.2379, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	36C6B9
RGB	54, 198, 185
RGB Percent	21%, 78%, 73%
CMY	0.7891, 0.2235, 0.2746
CMYK	0.73, 0.00, 0.07, 0.22
HSL	175°, 57%, 49%
HSV	175°, 73%, 78%
XYZ	30.4621, 44.6752, 52.9085
YIQ	153.4620, -81.6510, -34.5710

Conversions

Conversions Part 2

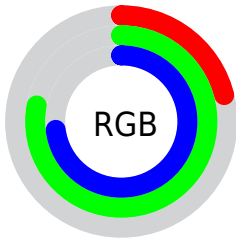
Format	Color
RYB	54, 129, 198
Decimal	3589817
CIELab	72.68, -40.06, -4.34
CIELCh	73, 40.294, 186.189
Yxy	44.6752, 0.2379, 0.3489
Android (android.graphics.Color)	4281779897 (0xFF36C6B9)
YUV	153.4620, 15.5482, -87.2282
Hunter-Lab	66.8395, -35.6178, -0.1449

Details

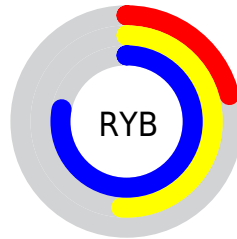
The Yxy color **44.6752, 0.2379, 0.3489** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **15.0293, 0.5395, 0.3166**, and the grayscale version is **31.9985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0084, 0.2511, 0.3452**, and **21.3109, 0.2312, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **44.1633, 0.2345, 0.3520**, and if you desaturate by 10%, it is **45.4141, 0.2432, 0.3458**.

Distribution



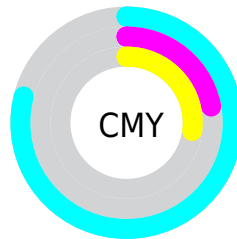
- Red (21%)
- Green (78%)
- Blue (73%)



- Red (21%)
- Yellow (51%)
- Blue (78%)



- Cyan (73%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)




- Cyan (79%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6752, 0.2379, 0.3489 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 44.6752, 0.2379, 0.3489 by changing the saturation by 10% instead.


 44.6752, 0.2379,
0.3489

 44.6752, 0.2379,
0.3489

365.4565, 0.2749,
0.3395

 31.2017, 0.2288,
0.3510


 82.2328, 0.2512,
0.3456


 20.7525, 0.2173,
0.3537


 107.0857, 0.2563,
0.3444

 12.9432, 0.2022,
0.3569


 136.5004, 0.2606,
0.3433

 7.3894, 0.1817,
0.3610

 170.8615, 0.2642,
0.3423

 3.7068, 0.1525,
0.3660

 210.5532, 0.2674,
0.3415

 1.5110, 0.0893,
0.3792

255.9600, 0.2702,

 0.2964, 0.0000,

0.3408

0.3212

307.4663, 0.2727,
0.3401

0.0000, 0.0000,
0.0000

44.6752, 0.2379,
0.3489

44.6752, 0.2379,
0.3489

44.1633, 0.2345,
0.3520

45.4141, 0.2432,
0.3458

43.8442, 0.2329,
0.3550

46.3990, 0.2504,
0.3428

43.6969, 0.2326,
0.3572

47.6528, 0.2593,
0.3398

49.1942, 0.2699,
0.3370

51.0404, 0.2819,
0.3344

■ 53.2071, 0.2949,
0.3319

■ 55.7091, 0.3087,
0.3296

■ 58.5601, 0.3230,
0.3275

■ 61.7731, 0.3376,
0.3257

Harmonies

Analogous

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



44.6752, 0.2829, 0.4035



44.6752, 0.2379, 0.3489



44.6752, 0.2136, 0.2934

Triad

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



44.6752, 0.2379, 0.3489



44.6752, 0.2791, 0.2450



44.6752, 0.4219, 0.3917

Complementary

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



44.6752, 0.2379, 0.3489



15.0293, 0.5395, 0.3166

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.



44.6752, 0.4231, 0.3485



44.6752, 0.2379, 0.3489



44.6752, 0.3361, 0.2683

Square

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



44.6752, 0.2379, 0.3489



44.6752, 0.2357, 0.2397



44.6752, 0.3907, 0.3048



44.6752, 0.3898, 0.4244

Rectangle

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



44.6752, 0.2379, 0.3489



44.6752, 0.2106, 0.2656



44.6752, 0.3907, 0.3048



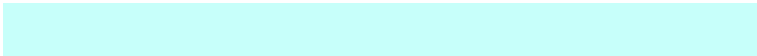
44.6752, 0.4261, 0.3779

Sweetspot

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



44.6769, 0.2379, 0.3489



90.5463, 0.2825, 0.3342



41.8971, 0.3081, 0.5551



19.1745, 0.2791, 0.3349



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.



44.6769, 0.2379, 0.3489



77.8415, 0.2334, 0.3537



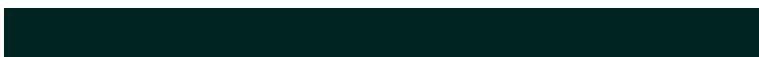
23.7071, 0.2077, 0.2330



12.0504, 0.2996, 0.3311



28.4180, 0.2324, 0.3568



1.3506, 0.2307, 0.3504

Inverse Universe

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



15.0293, 0.5395, 0.3166



22.6149, 0.6013, 0.3205



23.7456, 0.4955, 0.3963



10.6522, 0.3276, 0.3269



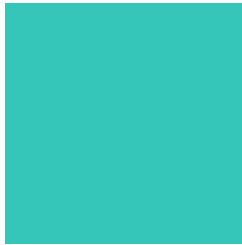
7.8414, 0.6287, 0.3237



0.3768, 0.5935, 0.3043

Previews

White Background



This preview shows how the Yxy color 44.6752, 0.2379, 0.3489 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 44.6752, 0.2379, 0.3489 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

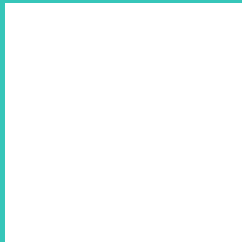
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6752, 0.2379, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 44.6752, 0.2379, 0.3489.

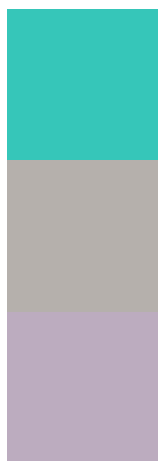


This preview shows how white text looks on a background with the Yxy color 44.6752, 0.2379, 0.3489.

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

44.6752, 0.2379, 0.3489

Protanopia

43.8530, 0.3204, 0.3343

Deuteranopia

43.9580, 0.3112, 0.3047



Tritanopia

44.5019, 0.2291, 0.3055

Trichromacy



Original Color

44.6752, 0.2379, 0.3489



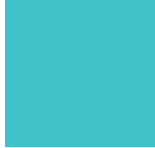
Protanomaly

42.6062, 0.2791, 0.3391



Deuteranomaly

42.2108, 0.2735, 0.3175



Tritanomaly

44.3040, 0.2318, 0.3198

Monochromacy



Original Color

44.6752, 0.2379, 0.3489



Achromatopsia

31.8547, 0.3127, 0.3290



Achromatomaly

34.8745, 0.2722, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6752, 0.2379, 0.3489 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(54, 198, 185)` looks like.

```
.text, #text, p{  
    color:rgb(54, 198, 185)  
}
```

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(54, 198, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 198, 185) }
```

Border

The CSS property to change the border of an element to Yxy 44.6752, 0.2379, 0.3489 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(54, 198, 185) }
```

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

```
.border{ border-color:rgb(54, 198, 185) }
```

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

Here you see how a box with a 4 pixel rgb(54, 198, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 198, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 198, 185);  
box-shadow:4px 4px 4px 4px rgb(54, 198,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6752, 0.2379, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 198, 185) }
```

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

```
.background{ background-color: rgb(54, 198,  
185) }
```

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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