

Converting Colors

$Yxy(44.6016, 0.2425, 0.3345)$

Have a look what the booklet for
Yxy(44.6016, 0.2425, 0.3345)
contains.

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Color

Yxy(44.4973, 0.2425, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	50C3BF
RGB	80, 195, 191
RGB Percent	31%, 76%, 75%
CMY	0.6861, 0.2353, 0.2510
CMYK	0.59, 0.00, 0.02, 0.24
HSL	178°, 49%, 54%
HSV	178°, 59%, 76%
XYZ	32.2300, 44.4973, 56.1798
YIQ	160.1590, -67.2560, -25.6240

Conversions

Conversions Part 2

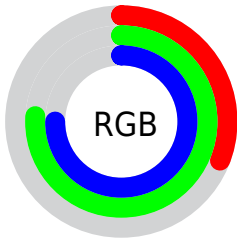
Format	Color
R _Y B	80, 139, 195
Decimal	5292991
CIE Lab	72.56, -33.06, -7.72
CIE LCh	73, 33.946, 193.150
Yxy	44.4973, 0.2425, 0.3348
Android (android.graphics.Color)	4283483071 (0xFF50C3BF)
YUV	160.1590, 15.2046, -70.2994
Hunter-Lab	66.7063, -30.4915, -3.2394

Details

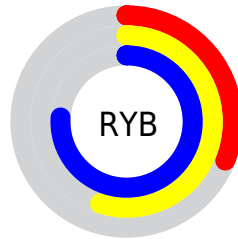
The Yxy color **44.4973, 0.2425, 0.3348** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **17.9873, 0.4869, 0.3246**, and the grayscale version is **35.1892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9117, 0.2549, 0.3345**, and **20.8847, 0.2264, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **43.7395, 0.2361, 0.3359**, and if you desaturate by 10%, it is **45.5050, 0.2508, 0.3337**.

Distribution



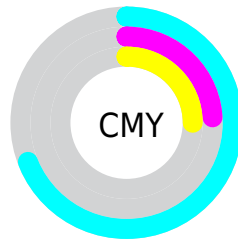
- Red (31%)
- Green (76%)
- Blue (75%)



- Red (31%)
- Yellow (55%)
- Blue (76%)



- Cyan (59%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (69%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4973, 0.2425, 0.3348 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 44.4973, 0.2425, 0.3348 by changing the saturation by 10% instead.


 44.4973, 0.2425,
0.3348


 44.4973, 0.2425,
0.3348

364.7338, 0.2772,
0.3327


 31.0617, 0.2340,
0.3351


 81.9655, 0.2550,
0.3342


 20.6458, 0.2233,
0.3353


 106.7669, 0.2597,
0.3339

 12.8653, 0.2092,
0.3353


 136.1257, 0.2637,
0.3337

 7.3359, 0.1900,
0.3349

 170.4262, 0.2672,
0.3334

 3.6730, 0.1627,
0.3330

210.0529, 0.2702,
0.3332

 1.4924, 0.1138,
0.3300

255.3901, 0.2728,

 0.2834, 0.0000,

0.3330

0.2504

306.8223, 0.2751,
0.3328

0.0000, 0.0000,
0.0000

44.4973, 0.2425,
0.3348

44.4973, 0.2425,
0.3348

43.7395, 0.2361,
0.3359

45.5050, 0.2508,
0.3337

43.2044, 0.2316,
0.3371

46.7768, 0.2608,
0.3326

42.8679, 0.2289,
0.3382

48.3318, 0.2725,
0.3316

42.6863, 0.2277,
0.3393

50.1860, 0.2855,
0.3306

42.6700, 0.2276,
0.3394

52.3541, 0.2995,
0.3297

■ 54.8499, 0.3143,
0.3289

■ 57.6864, 0.3296,
0.3282

■ 60.8759, 0.3451,
0.3275

■ 64.3259, 0.3601,
0.3270

Harmonies

Analogous

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



44.4973, 0.2779, 0.3818



44.4973, 0.2425, 0.3348



44.4973, 0.2258, 0.2905

Triad

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



44.4973, 0.2425, 0.3348



44.4973, 0.2952, 0.2602



44.4973, 0.4012, 0.3911

Complementary

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



44.4973, 0.2425, 0.3348



17.9873, 0.4869, 0.3246

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.



44.4973, 0.4082, 0.3557



44.4973, 0.2425, 0.3348



44.4973, 0.3443, 0.2835

Square

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



44.4973, 0.2425, 0.3348



44.4973, 0.2543, 0.2519



44.4973, 0.3870, 0.3173



44.4973, 0.3698, 0.4136

Rectangle

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



44.4973, 0.2425, 0.3348



44.4973, 0.2263, 0.2692



44.4973, 0.3870, 0.3173



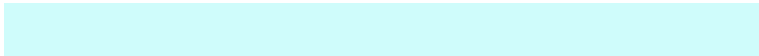
44.4973, 0.4066, 0.3801

Sweetspot

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



44.4990, 0.2425, 0.3348



90.1273, 0.2864, 0.3306



41.5785, 0.3072, 0.5153



19.5062, 0.2824, 0.3308



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.



44.4990, 0.2425, 0.3348



77.9955, 0.2345, 0.3363



25.3742, 0.2220, 0.2447



11.4222, 0.2989, 0.3298



27.7362, 0.2276, 0.3393



1.2003, 0.2269, 0.3368

Inverse Universe

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



17.9873, 0.4869, 0.3246



26.1434, 0.5484, 0.3249



28.6238, 0.4455, 0.3963



10.0834, 0.3284, 0.3282



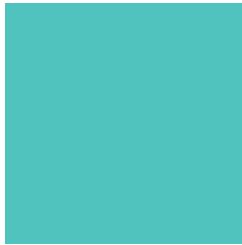
7.5530, 0.6357, 0.3276



0.3283, 0.6200, 0.3189

Previews

White Background



This preview shows how the Yxy color 44.4973, 0.2425, 0.3348 looks on a white background.

Color Contrast Check

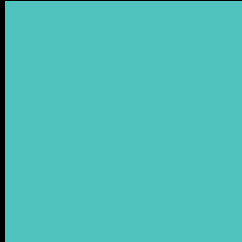
Large Text (above 18pt) WCAG AA × Fail

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 44.4973, 0.2425, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

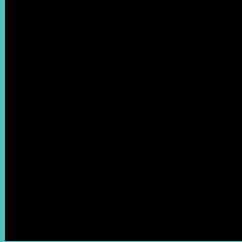
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

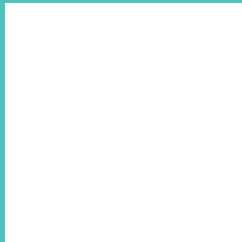
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4973, 0.2425, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 44.4973, 0.2425, 0.3348.

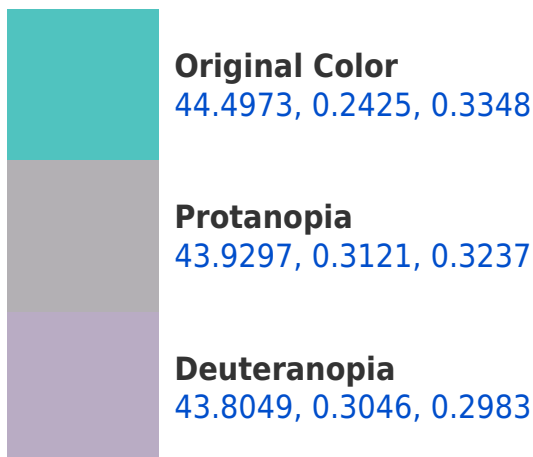


This preview shows how white text looks on a background with the Yxy color 44.4973, 0.2425, 0.3348.

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





Tritanopia

44.2796, 0.2358, 0.3057

Trichromacy



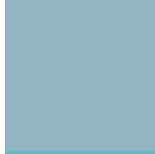
Original Color

44.4973, 0.2425, 0.3348



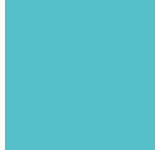
Protanomaly

43.1673, 0.2800, 0.3275



Deuteranomaly

42.7406, 0.2758, 0.3095



Tritanomaly

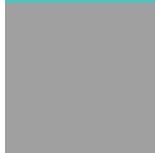
44.2890, 0.2379, 0.3156

Monochromacy



Original Color

44.4973, 0.2425, 0.3348



Achromatopsia

35.1533, 0.3127, 0.3290



Achromatomaly

37.6527, 0.2791, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4973, 0.2425, 0.3348 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(80, 195, 191)` looks like.

```
.text, #text, p{  
    color:rgb(80, 195, 191)  
}
```

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(80, 195, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 195, 191) }
```

Border

The CSS property to change the border of an element to Yxy 44.4973, 0.2425, 0.3348 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(80, 195, 191) }
```

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

```
.border{ border-color:rgb(80, 195, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 195, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 195, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 195, 191);  
box-shadow:4px 4px 4px 4px rgb(80, 195,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4973, 0.2425, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 195, 191) }
```

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

```
.background{ background-color: rgb(80, 195,  
191) }
```

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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