

Converting Colors

Yxy(53.6113, 0.2495, 0.4390)

Have a look what the booklet for
Yxy(53.6113, 0.2495, 0.4390)
contains.

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Color

$\text{Yxy}(53.9473, 0.2548, 0.4371)$

Conversions

Conversions Part 1

Format	Color
Hex	01DD97
RGB	1, 221, 151
RGB Percent	0%, 87%, 59%
CMY	0.9972, 0.1333, 0.4079
CMYK	1.00, 0.00, 0.32, 0.13
HSL	161°, 99%, 43%
HSV	161°, 100%, 87%
XYZ	31.4477, 53.9473, 38.0260
YIQ	147.2400, -108.6500, -68.4100

Conversions

Conversions Part 2

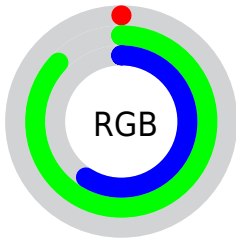
Format	Color
RYB	1, 132, 221
Decimal	122263
CIELab	78.43, -61.21, 21.97
CIELCh	78, 65.031, 160.256
Yxy	53.9473, 0.2548, 0.4371
Android (android.graphics.Color)	4278312343 (0xFF01DD97)
YUV	147.2400, 1.8537, -128.2525
Hunter-Lab	73.4488, -52.1093, 20.7185

Details

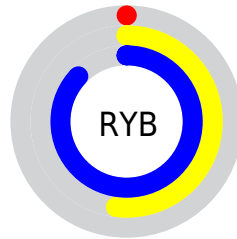
The Yxy color **53.9473, 0.2548, 0.4371** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **15.8386, 0.5718, 0.2926**, and the grayscale version is **29.2689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0536, 0.2614, 0.3911**, and **27.4710, 0.2614, 0.4610** is the 20% darker color. If you saturate the color by 10%, you get **53.9374, 0.2549, 0.4375**, and if you desaturate by 10%, it is **54.3599, 0.2532, 0.4251**.

Distribution



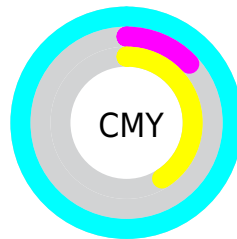
- Red (0%)
- Green (87%)
- Blue (59%)



- Red (0%)
- Yellow (52%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (13%)




- Cyan (100%)
- Magenta (13%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9473, 0.2548, 0.4371 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 53.9473, 0.2548, 0.4371 by changing the saturation by 10% instead.

 53.9473, 0.2548,
0.4371

 53.9473, 0.2548,
0.4371


401.9090, 0.2846,
0.3808


 38.5595, 0.2471,
0.4518


 95.9969, 0.2658,
0.4162

 26.4172, 0.2372,
0.4709


 123.4274, 0.2699,
0.4085


 17.1360, 0.2238,
0.4969


 155.6411, 0.2733,
0.4020

 10.3315, 0.2049,
0.5339

 193.0222, 0.2763,
0.3965

 5.6193, 0.1767,
0.5902

 235.9551, 0.2788,
0.3918

 2.6150, 0.1188,
0.6981

284.8243, 0.2810,

 0.9342, 0.0000,

0.3876

1.0000


340.0142, 0.2829,
0.3840

 0.0000, 0.0000,
0.0000


 53.9473, 0.2548,
0.4371


 53.9473, 0.2548,
0.4371

 53.9374, 0.2549,
0.4375

 54.3599, 0.2532,
0.4251

 54.9847, 0.2533,
0.4129

 55.8855, 0.2554,
0.4007

 57.0984, 0.2595,
0.3886

 58.6540, 0.2655,
0.3769

■ 60.5791, 0.2730,
0.3657

■ 62.8977, 0.2818,
0.3553

■ 65.6320, 0.2916,
0.3456

■ 68.8023, 0.3022,
0.3367

Harmonies

Analogous

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



53.9473, 0.3342, 0.4875



53.9473, 0.2548, 0.4371



53.9473, 0.1957, 0.3440

Triad

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



53.9473, 0.2548, 0.4371



53.9473, 0.2077, 0.2009



53.9473, 0.4816, 0.3588

Complementary

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



53.9473, 0.2548, 0.4371



15.8386, 0.5718, 0.2926

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.



53.9473, 0.4403, 0.2989



53.9473, 0.2548, 0.4371



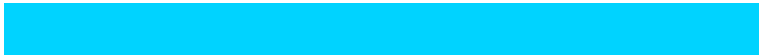
53.9473, 0.2718, 0.2130

Square

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



53.9473, 0.2548, 0.4371



53.9473, 0.1734, 0.2155



53.9473, 0.3583, 0.2476



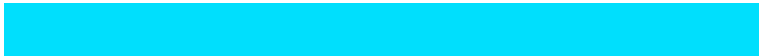
53.9473, 0.4681, 0.4206

Rectangle

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



53.9473, 0.2548, 0.4371



53.9473, 0.1741, 0.2860



53.9473, 0.3583, 0.2476



53.9473, 0.4739, 0.3383

Sweetspot

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



53.9494, 0.2548, 0.4371



86.7960, 0.2813, 0.3558



53.1740, 0.3166, 0.5866



18.2744, 0.2774, 0.3602



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.



53.9494, 0.2548, 0.4371



74.5742, 0.2551, 0.4384



39.6235, 0.2096, 0.2745



14.7555, 0.3024, 0.3365



31.3556, 0.2543, 0.4356



2.0468, 0.2489, 0.4160

Inverse Universe

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



15.8386, 0.5718, 0.2926



21.8548, 0.5747, 0.2940



16.7232, 0.6242, 0.3423



13.1194, 0.3242, 0.3216



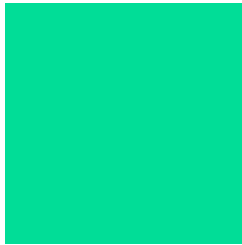
9.2068, 0.5687, 0.2906



0.6119, 0.5222, 0.2650

Previews

White Background



This preview shows how the Yxy color 53.9473, 0.2548, 0.4371 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 53.9473, 0.2548, 0.4371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

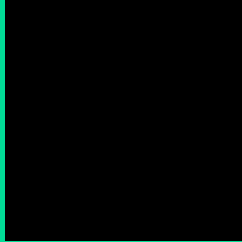
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9473, 0.2548, 0.4371

Background



This preview shows how black text looks on a background with the Yxy color 53.9473, 0.2548, 0.4371.



This preview shows how white text looks on a background with the Yxy color 53.9473, 0.2548, 0.4371.

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

53.9537, 0.2548, 0.4371

Protanopia

52.7996, 0.3680, 0.3952

Deuteranopia

52.8891, 0.3674, 0.3596



Tritanopia

53.6858, 0.2290, 0.3059

Trichromacy



Original Color

53.9537, 0.2548, 0.4371



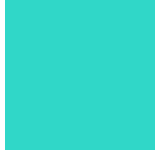
Protanomaly

49.6006, 0.3008, 0.4165



Deuteranomaly

48.5393, 0.2994, 0.3891



Tritanomaly

53.3994, 0.2359, 0.3504

Monochromacy



Original Color

53.9537, 0.2548, 0.4371



Achromatopsia

29.1771, 0.3127, 0.3290



Achromatomaly

34.7899, 0.2690, 0.3729

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9473, 0.2548, 0.4371 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(1, 221, 151)` looks like.

```
.text, #text, p{  
    color:rgb(1, 221, 151)  
}
```

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(1, 221, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 221, 151) }
```

Border

The CSS property to change the border of an element to Yxy 53.9473, 0.2548, 0.4371 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(1, 221, 151) }
```

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

```
.border{ border-color:rgb(1, 221, 151) }
```

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

Here you see how a box with a 4 pixel rgb(1, 221, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 221, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 221, 151);  
box-shadow:4px 4px 4px 4px rgb(1, 221,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9473, 0.2548, 0.4371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 221, 151) }
```

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

```
.background{ background-color: rgb(1, 221,  
151) }
```

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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