

Converting Colors

$Y_{xy}(53.5552, 0.2502, 0.3502)$

Have a look what the booklet for
Yxy(53.5552, 0.2502, 0.3502)
contains.

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Color

Yxy(53.4979, 0.2501, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	5ED4C5
RGB	94, 212, 197
RGB Percent	37%, 83%, 77%
CMY	0.6318, 0.1686, 0.2275
CMYK	0.56, 0.00, 0.07, 0.17
HSL	172°, 58%, 60%
HSV	172°, 56%, 83%
XYZ	38.2281, 53.4979, 61.1252
YIQ	175.0080, -65.5130, -29.6810

Conversions

Conversions Part 2

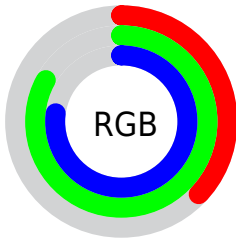
Format	Color
RYB	94, 157, 212
Decimal	6214853
CIELab	78.17, -36.82, -2.63
CIElCh	78, 36.913, 184.083
Yxy	53.4979, 0.2501, 0.3500
Android (android.graphics.Color)	4284404933 (0xFF5ED4C5)
YUV	175.0080, 10.8421, -71.0440
Hunter-Lab	73.1423, -34.7053, 1.6508

Details

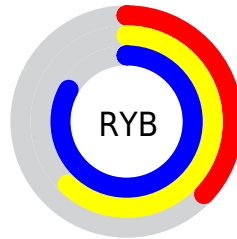
The Yxy color **53.4979, 0.2501, 0.3500** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **23.0893, 0.4575, 0.3115**, and the grayscale version is **42.8296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5458, 0.2583, 0.3299**, and **26.2073, 0.2342, 0.3562** is the 20% darker color. If you saturate the color by 10%, you get **52.4077, 0.2437, 0.3544**, and if you desaturate by 10%, it is **54.9021, 0.2583, 0.3457**.

Distribution



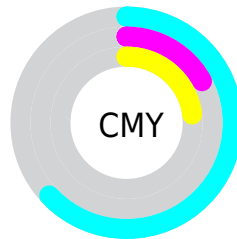
- Red (37%)
- Green (83%)
- Blue (77%)



- Red (37%)
- Yellow (62%)
- Blue (83%)



- Cyan (56%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



- Cyan (63%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4979, 0.2501, 0.3500 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 53.4979, 0.2501, 0.3500 by changing the saturation by 10% instead.


 53.4979, 0.2501,
0.3500

 53.4979, 0.2501,
0.3500


400.1924, 0.2803,
0.3401


 38.2004, 0.2429,
0.3523


 95.3366, 0.2608,
0.3465


 26.1383, 0.2338,
0.3551


 122.6466, 0.2649,
0.3452

 16.9271, 0.2221,
0.3587


 154.7296, 0.2684,
0.3440

 10.1825, 0.2064,
0.3635

 191.9699, 0.2715,
0.3430

 5.5201, 0.1844,
0.3698

234.7519, 0.2741,
0.3422

 2.5556, 0.1518,
0.3785

283.4601, 0.2764,

 0.9044, 0.0000,

0.3414

0.4332

338.4788, 0.2785,
0.3407

0.0000, 0.0000,
0.0000

53.4979, 0.2501,
0.3500

53.4979, 0.2501,
0.3500

52.4077, 0.2437,
0.3544

54.9021, 0.2583,
0.3457

51.5995, 0.2393,
0.3589

56.6370, 0.2681,
0.3416

51.0450, 0.2368,
0.3633

58.7255, 0.2794,
0.3377

50.7072, 0.2360,
0.3677

61.1868, 0.2917,
0.3341

50.5995, 0.2360,
0.3696

64.0384, 0.3049,
0.3308

■ 67.2971, 0.3187,
0.3277

■ 70.9784, 0.3327,
0.3250

■ 73.4469, 0.3403,
0.3225

■ 73.5898, 0.3384,
0.3197

Harmonies

Analogous

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



53.4979, 0.2907, 0.3951



53.4979, 0.2501, 0.3500



53.4979, 0.2269, 0.3020

Triad

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



53.4979, 0.2501, 0.3500



53.4979, 0.2807, 0.2544



53.4979, 0.4083, 0.3822

Complementary

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



53.4979, 0.2501, 0.3500



23.0893, 0.4575, 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.



53.4979, 0.4068, 0.3442



53.4979, 0.2501, 0.3500



53.4979, 0.3297, 0.2740

Square

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



53.4979, 0.2501, 0.3500



53.4979, 0.2435, 0.2513



53.4979, 0.3771, 0.3058



53.4979, 0.3827, 0.4106

Rectangle

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



53.4979, 0.2501, 0.3500



53.4979, 0.2231, 0.2767



53.4979, 0.3771, 0.3058



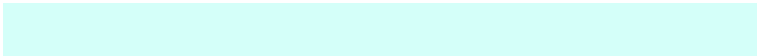
53.4979, 0.4111, 0.3701

Sweetspot

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



53.5000, 0.2501, 0.3500



92.3349, 0.2899, 0.3346



51.1938, 0.3135, 0.5024



19.5947, 0.2873, 0.3353



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.



53.5000, 0.2501, 0.3500



79.3098, 0.2427, 0.3553



35.3953, 0.2293, 0.2651



14.0794, 0.2999, 0.3320



31.2426, 0.2358, 0.3690



1.8922, 0.2337, 0.3614

Inverse Universe

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



23.0893, 0.4575, 0.3115



28.6623, 0.5092, 0.3104



32.7563, 0.4447, 0.3819



12.4463, 0.3271, 0.3261



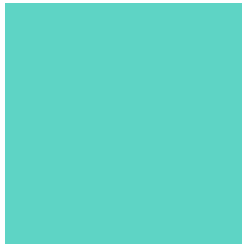
8.6980, 0.6229, 0.3205



0.5333, 0.5846, 0.2994

Previews

White Background



This preview shows how the Yxy color 53.4979, 0.2501, 0.3500 looks on a white background.

Color Contrast Check

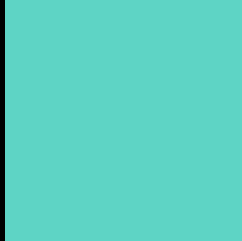
Large Text (above 18pt) WCAG AA × Fail

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 53.4979, 0.2501, 0.3500 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

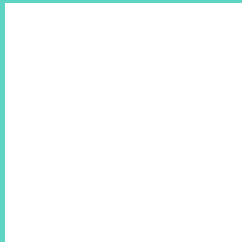
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.4979, 0.2501, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 53.4979, 0.2501, 0.3500.

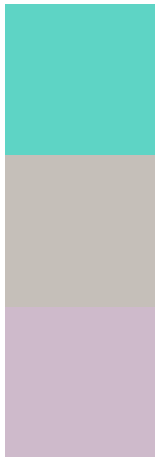


This preview shows how white text looks on a background with the Yxy color 53.4979, 0.2501, 0.3500.

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

53.4979, 0.2501, 0.3500

Protanopia

52.6347, 0.3222, 0.3364

Deuteranopia

52.5514, 0.3161, 0.3089



Tritanopia

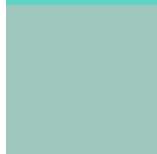
53.4910, 0.2396, 0.3062

Trichromacy



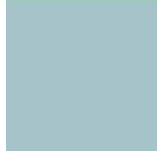
Original Color

53.4979, 0.2501, 0.3500



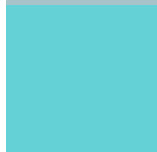
Protanomaly

51.9946, 0.2903, 0.3422



Deuteranomaly

51.2466, 0.2856, 0.3212



Tritanomaly

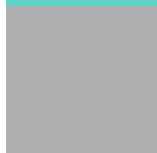
53.2166, 0.2429, 0.3206

Monochromacy



Original Color

53.4979, 0.2501, 0.3500



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

45.4963, 0.2834, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4979, 0.2501, 0.3500 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(94, 212, 197)` looks like.

```
.text, #text, p{  
    color:rgb(94, 212, 197)  
}
```

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(94, 212, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 212, 197) }
```

Border

The CSS property to change the border of an element to Yxy 53.4979, 0.2501, 0.3500 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(94, 212, 197) }
```

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

```
.border{ border-color:rgb(94, 212, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 212, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 212, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 212, 197); box-shadow:4px 4px 4px 4px rgb(94, 212, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4979, 0.2501, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 212, 197) }
```

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

```
.background{ background-color: rgb(94, 212,  
197) }
```

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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