

Converting Colors

$Y_{xy}(52.9894, 0.2624, 0.3398)$

Have a look what the booklet for
Yxy(52.9894, 0.2624, 0.3398)
contains.

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Color

Yxy(53.0343, 0.2623, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	7CCFC7
RGB	124, 207, 199
RGB Percent	49%, 81%, 78%
CMY	0.5135, 0.1882, 0.2197
CMYK	0.40, 0.00, 0.04, 0.19
HSL	174°, 46%, 65%
HSV	174°, 40%, 81%
XYZ	40.9385, 53.0343, 62.1023
YIQ	181.2710, -46.9000, -20.0840

Conversions

Conversions Part 2

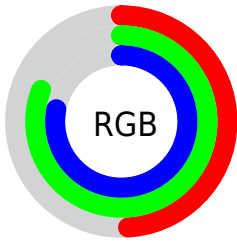
Format	Color
RYB	124, 168, 207
Decimal	8179655
CIELab	77.90, -27.12, -3.97
CIELCh	78, 27.408, 188.335
Yxy	53.0343, 0.2623, 0.3398
Android (android.graphics.Color)	4286369735 (0xFF7CCFC7)
YUV	181.2710, 8.7404, -50.2267
Hunter-Lab	72.8247, -27.0991, 0.4169

Details

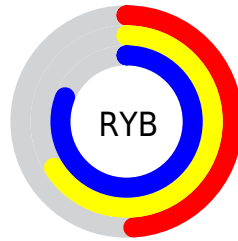
The Yxy color **53.0343, 0.2623, 0.3398** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.3632, 0.4032, 0.3190**, and the grayscale version is **46.3411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4433, 0.2701, 0.3289**, and **25.7298, 0.2489, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **51.5595, 0.2529, 0.3429**, and if you desaturate by 10%, it is **54.8383, 0.2732, 0.3368**.

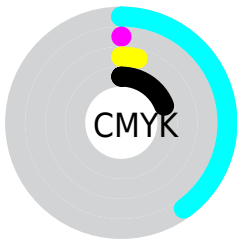
Distribution



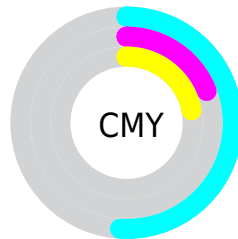
- Red (49%)
- Green (81%)
- Blue (78%)



- Red (49%)
- Yellow (66%)
- Blue (81%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (19%)





- Cyan (51%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0343, 0.2623, 0.3398 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 53.0343, 0.2623, 0.3398 by changing the saturation by 10% instead.


 53.0343, 0.2623,
0.3398


 53.0343, 0.2623,
0.3398


398.4167, 0.2867,
0.3348

 37.8302, 0.2565,
0.3409


 94.6548, 0.2710,
0.3381

 25.8509, 0.2491,
0.3423


 121.8400, 0.2743,
0.3374

 16.7121, 0.2395,
0.3440


 153.7877, 0.2771,
0.3368

 10.0295, 0.2267,
0.3461

190.8822, 0.2796,
0.3363

 5.4185, 0.2084,
0.3488

233.5079, 0.2817,
0.3359

 2.4948, 0.1808,
0.3521

282.0493, 0.2836,

 0.8741, 0.0735,

0.3355

336.8908, 0.2852,
0.3352

0.3805

0.0000, 0.0000,
0.0000

53.0343, 0.2623,
0.3398

53.0343, 0.2623,
0.3398

51.5595, 0.2529,
0.3429

54.8383, 0.2732,
0.3368

50.3871, 0.2453,
0.3462

56.9837, 0.2855,
0.3340

49.4966, 0.2395,
0.3495


59.4900, 0.2987,
0.3314


48.8619, 0.2357,
0.3528

62.3732, 0.3126,
0.3290

48.4523, 0.2337,
0.3561

65.6484, 0.3270,
0.3269

 48.2120, 0.2332,
0.3593

 69.3299, 0.3415,
0.3249

 70.6871, 0.3453,
0.3230

 70.7893, 0.3438,
0.3210

 70.8927, 0.3423,
0.3189

Harmonies

Analogous

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



53.0343, 0.2919, 0.3732



53.0343, 0.2623, 0.3398



53.0343, 0.2463, 0.3052

Triad

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



53.0343, 0.2623, 0.3398



53.0343, 0.2940, 0.2734



53.0343, 0.3826, 0.3738

Complementary

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



53.0343, 0.2623, 0.3398



29.3632, 0.4032, 0.3190

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.



53.0343, 0.3840, 0.3459



53.0343, 0.2623, 0.3398



53.0343, 0.3311, 0.2901

Square

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



53.0343, 0.2623, 0.3398



53.0343, 0.2637, 0.2694



53.0343, 0.3648, 0.3159



53.0343, 0.3617, 0.3920

Rectangle

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



53.0343, 0.2623, 0.3398



53.0343, 0.2448, 0.2871



53.0343, 0.3648, 0.3159



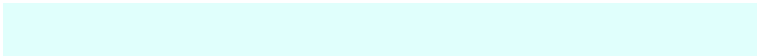
53.0343, 0.3855, 0.3652

Sweetspot

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



53.0364, 0.2623, 0.3398



94.4624, 0.2959, 0.3319



51.0148, 0.3127, 0.4491



20.1014, 0.2941, 0.3323



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.



53.0364, 0.2623, 0.3398



82.9558, 0.2542, 0.3425



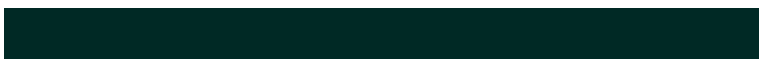
38.9978, 0.2506, 0.2818



13.3866, 0.2996, 0.3312



30.3846, 0.2330, 0.3589



1.7048, 0.2314, 0.3529

Inverse Universe

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



29.3632, 0.4032, 0.3190



39.9523, 0.4337, 0.3171



38.9151, 0.3957, 0.3713



11.8265, 0.3276, 0.3268



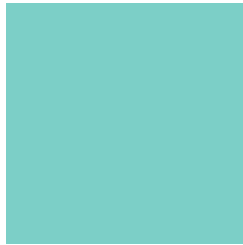
8.3960, 0.6281, 0.3234



0.4760, 0.5949, 0.3051

Previews

White Background



This preview shows how the Yxy color 53.0343, 0.2623, 0.3398 looks on a white background.

Color Contrast Check

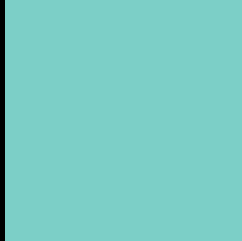
Large Text (above 18pt) WCAG AA × Fail

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 53.0343, 0.2623, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

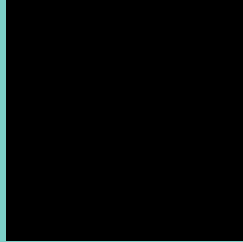
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

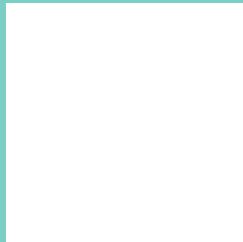
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0343, 0.2623, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 53.0343, 0.2623, 0.3398.

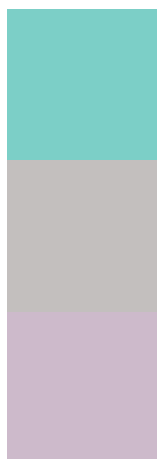


This preview shows how white text looks on a background with the Yxy color 53.0343, 0.2623, 0.3398.

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

53.0343, 0.2623, 0.3398

Protanopia

52.5814, 0.3167, 0.3302

Deuteranopia

52.4087, 0.3153, 0.3088



Tritanopia

53.0989, 0.2535, 0.3079

Trichromacy



Original Color

53.0343, 0.2623, 0.3398

Protanomaly

52.2178, 0.2940, 0.3341

Deuteranomaly

52.0779, 0.2930, 0.3188

Tritanomaly

53.0053, 0.2569, 0.3195

Monochromacy



Original Color

53.0343, 0.2623, 0.3398

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.9313, 0.2905, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0343, 0.2623, 0.3398 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(124, 207, 199)` looks like.

```
.text, #text, p{  
    color:rgb(124, 207, 199)  
}
```

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(124, 207, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 207, 199) }
```

Border

The CSS property to change the border of an element to Yxy 53.0343, 0.2623, 0.3398 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(124, 207, 199) }
```

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

```
.border{ border-color:rgb(124, 207, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 207, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 207, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 207, 199);  
box-shadow:4px 4px 4px 4px rgb(124, 207,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0343, 0.2623, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 207, 199) }
```

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

```
.background{ background-color: rgb(124,  
207, 199) }
```

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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