

Converting Colors

$Yxy(53.2858, 0.2456, 0.3341)$

Have a look what the booklet for
Yxy(53.2858, 0.2456, 0.3341)
contains.

Yxy(53.0850, 0.2455, 0.3330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$\text{Yxy}(53.0850, 0.2455, 0.3330)$

Conversions

Conversions Part 1

Format	Color
Hex	60D2CF
RGB	96, 210, 207
RGB Percent	38%, 82%, 81%
CMY	0.6232, 0.1765, 0.1884
CMYK	0.54, 0.00, 0.01, 0.18
HSL	178°, 56%, 60%
HSV	178°, 54%, 82%
XYZ	39.1362, 53.0850, 67.1932
YIQ	175.5720, -66.9810, -25.1010

Conversions

Conversions Part 2

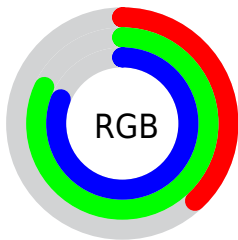
Format	Color
RYB	96, 154, 210
Decimal	6345423
CIELab	77.93, -32.87, -8.34
CIELCh	78, 33.912, 194.229
Yxy	53.0850, 0.2455, 0.3330
Android (android.graphics.Color)	4284535503 (0xFF60D2CF)
YUV	175.5720, 15.4940, -69.7846
Hunter-Lab	72.8595, -31.6233, -3.6774

Details

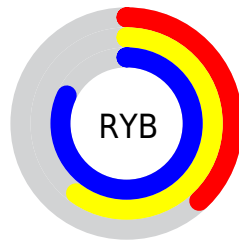
The Yxy color **53.0850, 0.2455, 0.3330** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **22.9867, 0.4682, 0.3258**, and the grayscale version is **43.1373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8079, 0.2588, 0.3288**, and **25.8913, 0.2281, 0.3326** is the 20% darker color. If you saturate the color by 10%, you get **52.0676, 0.2382, 0.3339**, and if you desaturate by 10%, it is **54.4109, 0.2547, 0.3322**.

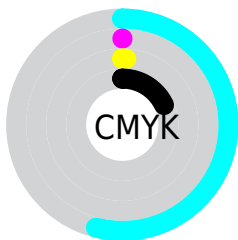
Distribution



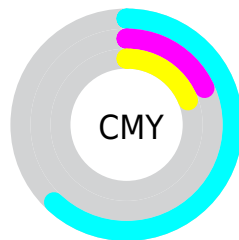
- Red (38%)
- Green (82%)
- Blue (81%)



- Red (38%)
- Yellow (60%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)




- Cyan (62%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0850, 0.2455, 0.3330 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 53.0850, 0.2455, 0.3330 by changing the saturation by 10% instead.

 53.0850, 0.2455,
0.3330

 53.0850, 0.2455,
0.3330


398.6111, 0.2777,
0.3318


 37.8706, 0.2379,
0.3331


 94.7294, 0.2569,
0.3327

 25.8823, 0.2284,
0.3331


 121.9283, 0.2613,
0.3326

 16.7356, 0.2161,
0.3329


 153.8908, 0.2650,
0.3324

 10.0462, 0.1998,
0.3322

 191.0012, 0.2682,
0.3323

 5.4296, 0.1773,
0.3305

233.6441, 0.2711,
0.3321

 2.5014, 0.1444,
0.3261

282.2038, 0.2735,

 0.8774, 0.0122,

0.3320

0.3416

337.0647, 0.2758,
0.3319

0.0000, 0.0000,
0.0000

53.0850, 0.2455,
0.3330

53.0850, 0.2455,
0.3330

52.0676, 0.2382,
0.3339

54.4109, 0.2547,
0.3322

51.3277, 0.2328,
0.3347

56.0611, 0.2656,
0.3314

50.8386, 0.2293,
0.3356

58.0578, 0.2780,
0.3306

50.5656, 0.2275,
0.3364

60.4194, 0.2917,
0.3299

50.4713, 0.2269,
0.3369

63.1630, 0.3063,
0.3293

■ 66.3047, 0.3216,
0.3287

■ 69.8594, 0.3372,
0.3281

■ 72.0770, 0.3459,
0.3276

■ 72.1052, 0.3455,
0.3271

Harmonies

Analogous

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



53.0850, 0.2785, 0.3771



53.0850, 0.2455, 0.3330



53.0850, 0.2302, 0.2917

Triad

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



53.0850, 0.2455, 0.3330



53.0850, 0.2979, 0.2643



53.0850, 0.3955, 0.3889

Complementary

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



53.0850, 0.2455, 0.3330



22.9867, 0.4682, 0.3258

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.



53.0850, 0.4029, 0.3559



53.0850, 0.2455, 0.3330



53.0850, 0.3442, 0.2870

Square

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



53.0850, 0.2455, 0.3330



53.0850, 0.2587, 0.2560



53.0850, 0.3837, 0.3194



53.0850, 0.3653, 0.4091

Rectangle

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



53.0850, 0.2455, 0.3330



53.0850, 0.2312, 0.2718



53.0850, 0.3837, 0.3194



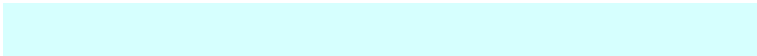
53.0850, 0.4008, 0.3788

Sweetspot

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



53.0870, 0.2455, 0.3330



92.9965, 0.2890, 0.3300



49.6411, 0.3068, 0.5009



19.7366, 0.2861, 0.3302



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.



53.0870, 0.2455, 0.3330



80.5955, 0.2372, 0.3340



31.2048, 0.2276, 0.2493



13.4014, 0.2987, 0.3296



30.7901, 0.2269, 0.3368



1.7233, 0.2265, 0.3352

Inverse Universe

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



22.9867, 0.4682, 0.3258



29.2485, 0.5217, 0.3258



36.1206, 0.4311, 0.3944



11.8133, 0.3286, 0.3284



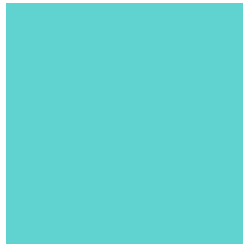
8.3676, 0.6369, 0.3282



0.4697, 0.6267, 0.3226

Previews

White Background



This preview shows how the Yxy color 53.0850, 0.2455, 0.3330 looks on a white background.

Color Contrast Check

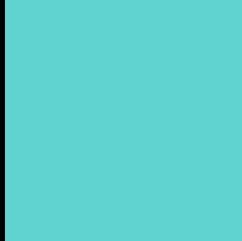
Large Text (above 18pt) WCAG AA × Fail

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 53.0850, 0.2455, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

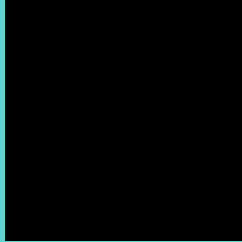
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

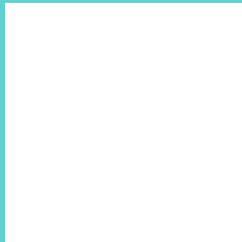
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0850, 0.2455, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 53.0850, 0.2455, 0.3330.

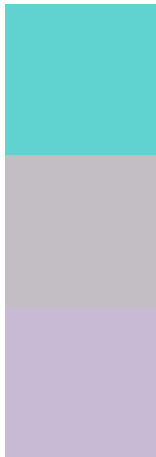


This preview shows how white text looks on a background with the Yxy color 53.0850, 0.2455, 0.3330.

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

53.0850, 0.2455, 0.3330

Protanopia

52.2364, 0.3122, 0.3228

Deuteranopia

52.1506, 0.3044, 0.2981



Tritanopia

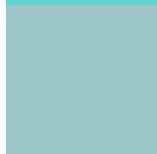
52.8322, 0.2389, 0.3061

Trichromacy



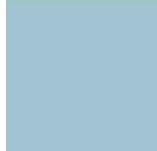
Original Color

53.0850, 0.2455, 0.3330



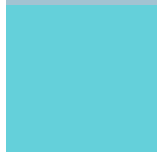
Protanomaly

51.3251, 0.2821, 0.3263



Deuteranomaly

51.3647, 0.2776, 0.3097



Tritanomaly

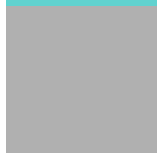
52.8830, 0.2412, 0.3152

Monochromacy



Original Color

53.0850, 0.2455, 0.3330



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

45.7573, 0.2814, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0850, 0.2455, 0.3330 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(96, 210, 207)` looks like.

```
.text, #text, p{  
    color:rgb(96, 210, 207)  
}
```

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(96, 210, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 210, 207) }
```

Border

The CSS property to change the border of an element to Yxy 53.0850, 0.2455, 0.3330 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(96, 210, 207) }
```

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

```
.border{ border-color:rgb(96, 210, 207) }
```

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

Here you see how a box with a 4 pixel rgb(96, 210, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 210, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 210, 207);  
box-shadow:4px 4px 4px 4px rgb(96, 210,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0850, 0.2455, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 210, 207) }
```

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

```
.background{ background-color: rgb(96, 210,  
207) }
```

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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