

Converting Colors

$Yxy(53.2470, 0.2471, 0.3185)$

Have a look what the booklet for
Yxy(53.2470, 0.2471, 0.3185)
contains.

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Color

Yxy(53.3976, 0.2475, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	6FD0D7
RGB	111, 208, 215
RGB Percent	44%, 82%, 84%
CMY	0.5646, 0.1843, 0.1569
CMYK	0.48, 0.03, 0.00, 0.16
HSL	184°, 57%, 64%
HSV	184°, 48%, 84%
XYZ	41.3773, 53.3976, 72.4061
YIQ	179.7950, -60.0590, -18.3870

Conversions

Conversions Part 2

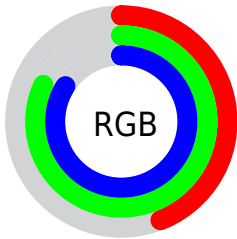
Format	Color
R _{YB}	111, 161, 215
Decimal	7327959
CIE Lab	78.11, -26.70, -12.31
CIE LCh	78, 29.399, 204.759
Yxy	53.3976, 0.2475, 0.3194
Android (android.graphics.Color)	4285518039 (0xFF6FD0D7)
YUV	179.7950, 17.3561, -60.3332
Hunter-Lab	73.0737, -26.8049, -7.5968

Details

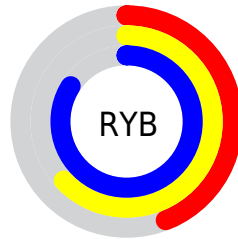
The Yxy color **53.3976, 0.2475, 0.3194** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **28.5515, 0.4422, 0.3379**, and the grayscale version is **45.4588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1750, 0.2647, 0.3289**, and **25.9735, 0.2311, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **51.4675, 0.2381, 0.3171**, and if you desaturate by 10%, it is **55.6738, 0.2586, 0.3216**.

Distribution



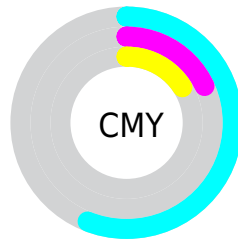
- Red (44%)
- Green (82%)
- Blue (84%)



- Red (44%)
- Yellow (63%)
- Blue (84%)



- Cyan (48%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (56%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3976, 0.2475, 0.3194 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 53.3976, 0.2475, 0.3194 by changing the saturation by 10% instead.


 53.3976, 0.2475,
0.3194

 53.3976, 0.2475,
0.3194


399.8087, 0.2786,
0.3249


 38.1203, 0.2402,
0.3179

 95.1892, 0.2585,
0.3215

 26.0760, 0.2310,
0.3158


 122.4722, 0.2627,
0.3223

 16.8805, 0.2193,
0.3129


 154.5259, 0.2663,
0.3229

 10.1494, 0.2038,
0.3087

191.7347, 0.2694,
0.3234

 5.4981, 0.1823,
0.3020

234.4830, 0.2722,
0.3239

 2.5424, 0.1512,
0.2901

283.1552, 0.2746,

 0.8978, 0.0624,

0.3242

0.2781

338.1356, 0.2767,
0.3246

0.0000, 0.0000,
0.0000

53.3976, 0.2475,
0.3194

53.3976, 0.2475,
0.3194

51.4675, 0.2381,
0.3171

55.6738, 0.2586,
0.3216

49.8528, 0.2306,
0.3148

58.3120, 0.2712,
0.3237

48.5279, 0.2250,
0.3126


61.3345, 0.2851,
0.3257


47.4598, 0.2212,
0.3103

64.7598, 0.2999,
0.3276


46.6000, 0.2191,
0.3081


68.6056, 0.3153,
0.3293

 46.4670, 0.2188,
0.3077

 72.8881, 0.3310,
0.3308

 76.3666, 0.3420,
0.3322

 77.1195, 0.3418,
0.3337

 77.8788, 0.3415,
0.3352

Harmonies

Analogous

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



53.3976, 0.2716, 0.3578



53.3976, 0.2475, 0.3194



53.3976, 0.2400, 0.2871

Triad

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



53.3976, 0.2475, 0.3194



53.3976, 0.3140, 0.2780



53.3976, 0.3774, 0.3893

Complementary

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



53.3976, 0.2475, 0.3194



28.5515, 0.4422, 0.3379

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.



53.3976, 0.3911, 0.3639



53.3976, 0.2475, 0.3194



53.3976, 0.3534, 0.3016

Square

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



53.3976, 0.2475, 0.3194



53.3976, 0.2766, 0.2660



53.3976, 0.3823, 0.3322



53.3976, 0.3464, 0.3998

Rectangle

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



53.3976, 0.2475, 0.3194



53.3976, 0.2450, 0.2730



53.3976, 0.3823, 0.3322



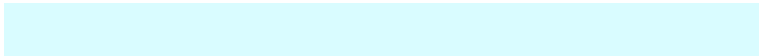
53.3976, 0.3843, 0.3820

Sweetspot

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



53.3997, 0.2475, 0.3194



91.8249, 0.2898, 0.3263



53.2820, 0.3019, 0.4715



19.4325, 0.2867, 0.3259



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.



53.3997, 0.2475, 0.3194



75.6959, 0.2379, 0.3171



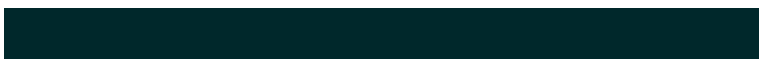
32.0881, 0.2333, 0.2437



13.9583, 0.2983, 0.3274



27.8593, 0.2189, 0.3080



1.7243, 0.2200, 0.3119

Inverse Universe

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



30.3729, 0.3253, 0.2191



38.3928, 0.3283, 0.2000



44.3185, 0.4085, 0.4000



12.6176, 0.3148, 0.3075



11.1573, 0.3384, 0.1638



0.6774, 0.3351, 0.1620

Previews

White Background



This preview shows how the Yxy color 53.3976, 0.2475, 0.3194 looks on a white background.

Color Contrast Check

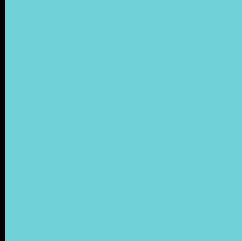
Large Text (above 18pt) WCAG AA × Fail

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 53.3976, 0.2475, 0.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

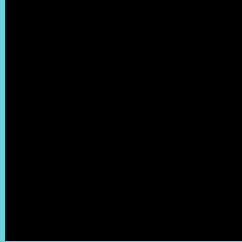
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3976, 0.2475, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 53.3976, 0.2475, 0.3194.

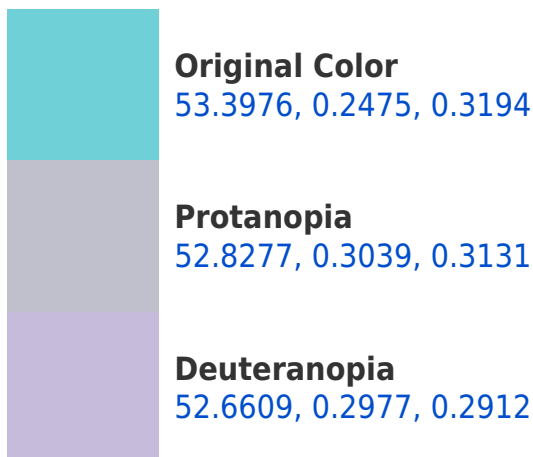


This preview shows how white text looks on a background with the Yxy color 53.3976, 0.2475, 0.3194.

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

53.5308, 0.2447, 0.3076

Trichromacy



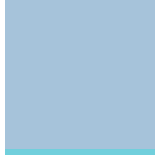
Original Color

53.3976, 0.2475, 0.3194



Protanomaly

52.2731, 0.2798, 0.3148



Deuteranomaly

52.1992, 0.2753, 0.3000



Tritanomaly

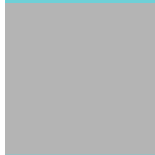
53.3037, 0.2457, 0.3115

Monochromacy



Original Color

53.3976, 0.2475, 0.3194



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

47.6457, 0.2834, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3976, 0.2475, 0.3194 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(111, 208, 215)` looks like.

```
.text, #text, p{  
    color:rgb(111, 208, 215)  
}
```

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(111, 208, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 208, 215) }
```

Border

The CSS property to change the border of an element to Yxy 53.3976, 0.2475, 0.3194 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(111, 208, 215) }
```

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

```
.border{ border-color:rgb(111, 208, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 208, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 208, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 208, 215);  
box-shadow:4px 4px 4px 4px rgb(111, 208,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3976, 0.2475, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 208, 215) }
```

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

```
.background{ background-color: rgb(111,  
208, 215) }
```

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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