

Converting Colors

Yxy(53.6581, 0.2607, 0.3442)

Have a look what the booklet for
Yxy(53.6581, 0.2607, 0.3442)
contains.

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Color

Yxy(53.6001, 0.2605, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	77D1C6
RGB	119, 209, 198
RGB Percent	47%, 82%, 78%
CMY	0.5337, 0.1803, 0.2236
CMYK	0.43, 0.00, 0.05, 0.18
HSL	173°, 49%, 64%
HSV	173°, 43%, 82%
XYZ	40.5896, 53.6001, 61.6245
YIQ	180.8360, -50.1090, -22.5010

Conversions

Conversions Part 2

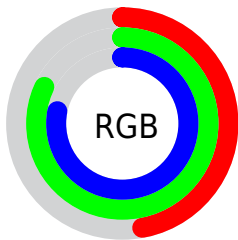
Format	Color
RYB	119, 167, 209
Decimal	7852486
CIELab	78.23, -29.63, -2.97
CIElCh	78, 29.777, 185.730
Yxy	53.6001, 0.2605, 0.3440
Android (android.graphics.Color)	4286042566 (0xFF77D1C6)
YUV	180.8360, 8.4619, -54.2302
Hunter-Lab	73.2121, -29.1587, 1.3425

Details

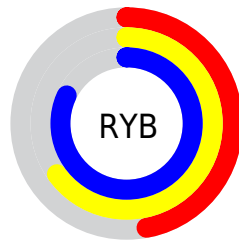
The Yxy color **53.6001, 0.2605, 0.3440** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **28.3382, 0.4107, 0.3153**, and the grayscale version is **46.0774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9701, 0.2681, 0.3289**, and **26.1490, 0.2471, 0.3478** is the 20% darker color. If you saturate the color by 10%, you get **52.1668, 0.2518, 0.3481**, and if you desaturate by 10%, it is **55.3647, 0.2708, 0.3401**.

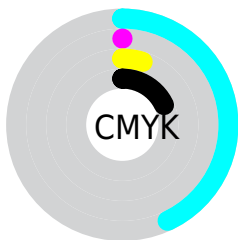
Distribution



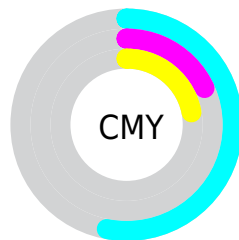
- Red (47%)
- Green (82%)
- Blue (78%)



- Red (47%)
- Yellow (65%)
- Blue (82%)



- Cyan (43%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)




- Cyan (53%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6001, 0.2605, 0.3440 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 53.6001, 0.2605, 0.3440 by changing the saturation by 10% instead.

 53.6001, 0.2605,
0.3440

 53.6001, 0.2605,
0.3440

400.5832, 0.2857,
0.3370


 38.2820, 0.2545,
0.3456


 95.4868, 0.2695,
0.3415

 26.2017, 0.2469,
0.3476


 122.8243, 0.2729,
0.3406

 16.9746, 0.2370,
0.3502


 154.9370, 0.2758,
0.3398

 10.2164, 0.2237,
0.3535

192.2094, 0.2784,
0.3391

 5.5426, 0.2050,
0.3579

235.0258, 0.2806,
0.3384

 2.5690, 0.1766,
0.3640

283.7706, 0.2825,

 0.9111, 0.0627,

0.3379

0.4009

338.8283, 0.2842,
0.3374

0.0000, 0.0000,
0.0000

53.6001, 0.2605,
0.3440

53.6001, 0.2605,
0.3440

52.1668, 0.2518,
0.3481

55.3647, 0.2708,
0.3401

51.0369, 0.2449,
0.3523

57.4739, 0.2824,
0.3364

50.1884, 0.2399,
0.3565

59.9478, 0.2950,
0.3330


49.5933, 0.2369,
0.3608

62.8033, 0.3084,
0.3299

49.2181, 0.2356,
0.3651


66.0561, 0.3223,
0.3271

 49.0476, 0.2356,
0.3680

 69.7211, 0.3364,
0.3246

 71.8232, 0.3427,
0.3221

 71.9565, 0.3408,
0.3195

 72.0919, 0.3390,
0.3169

Harmonies

Analogous

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



53.6001, 0.2933, 0.3798



53.6001, 0.2605, 0.3440



53.6001, 0.2420, 0.3060

Triad

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



53.6001, 0.2605, 0.3440



53.6001, 0.2891, 0.2682



53.6001, 0.3894, 0.3748

Complementary

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



53.6001, 0.2605, 0.3440



28.3382, 0.4107, 0.3153

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.



53.6001, 0.3890, 0.3441



53.6001, 0.2605, 0.3440



53.6001, 0.3290, 0.2851

Square

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



53.6001, 0.2605, 0.3440



53.6001, 0.2576, 0.2652



53.6001, 0.3664, 0.3121



53.6001, 0.3682, 0.3961

Rectangle

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



53.6001, 0.2605, 0.3440



53.6001, 0.2393, 0.2857



53.6001, 0.3664, 0.3121



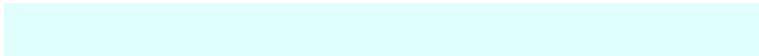
53.6001, 0.3919, 0.3652

Sweetspot

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



53.6022, 0.2605, 0.3440



93.9873, 0.2950, 0.3330



51.7588, 0.3146, 0.4589



19.9210, 0.2921, 0.3338



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.



53.6022, 0.2605, 0.3440



81.9051, 0.2522, 0.3479



39.5607, 0.2467, 0.2819



13.3811, 0.2999, 0.3318



30.2447, 0.2354, 0.3673



1.6983, 0.2332, 0.3596

Inverse Universe

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



28.3382, 0.4107, 0.3153



37.1308, 0.4456, 0.3129



37.3262, 0.4058, 0.3709



11.8314, 0.3272, 0.3262



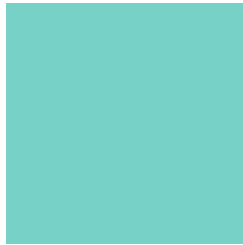
8.4105, 0.6237, 0.3209



0.4783, 0.5842, 0.2992

Previews

White Background



This preview shows how the Yxy color 53.6001, 0.2605, 0.3440 looks on a white background.

Color Contrast Check

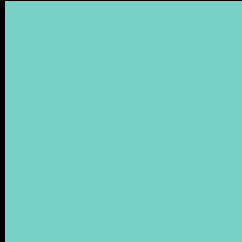
Large Text (above 18pt) WCAG AA × Fail

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 53.6001, 0.2605, 0.3440 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

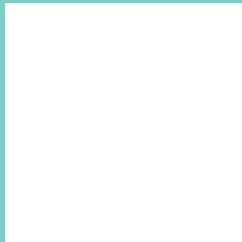
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6001, 0.2605, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 53.6001, 0.2605, 0.3440.

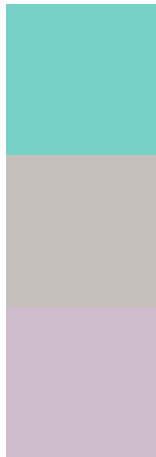


This preview shows how white text looks on a background with the Yxy color 53.6001, 0.2605, 0.3440.

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

53.6001, 0.2605, 0.3440

Protanopia

53.2004, 0.3198, 0.3339

Deuteranopia

52.9743, 0.3161, 0.3101



Tritanopia

53.3722, 0.2505, 0.3066

Trichromacy



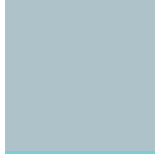
Original Color

53.6001, 0.2605, 0.3440



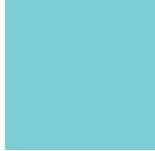
Protanomaly

52.6290, 0.2948, 0.3367



Deuteranomaly

52.2459, 0.2922, 0.3213



Tritanomaly

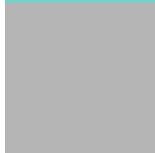
53.1577, 0.2539, 0.3195

Monochromacy



Original Color

53.6001, 0.2605, 0.3440



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

48.1186, 0.2897, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6001, 0.2605, 0.3440 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(119, 209, 198)` looks like.

```
.text, #text, p{  
    color:rgb(119, 209, 198)  
}
```

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(119, 209, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 209, 198) }
```

Border

The CSS property to change the border of an element to Yxy 53.6001, 0.2605, 0.3440 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(119, 209, 198) }
```

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

```
.border{ border-color:rgb(119, 209, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 209, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 209, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 209, 198); box-shadow:4px 4px 4px 4px rgb(119, 209, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6001, 0.2605, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 209, 198) }
```

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

```
.background{ background-color: rgb(119,  
209, 198) }
```

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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