

Converting Colors

$Y_{xy}(52.4104, 0.2610, 0.3301)$

Have a look what the booklet for
Yxy(52.4104, 0.2610, 0.3301)
contains.

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Color

Yxy(52.5343, 0.2607, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	7FCDCC
RGB	127, 205, 204
RGB Percent	50%, 80%, 80%
CMY	0.5022, 0.1960, 0.2000
CMYK	0.38, 0.00, 0.00, 0.20
HSL	179°, 44%, 65%
HSV	179°, 38%, 80%
XYZ	41.4770, 52.5343, 65.0872
YIQ	181.5640, -46.1670, -16.8470

Conversions

Conversions Part 2

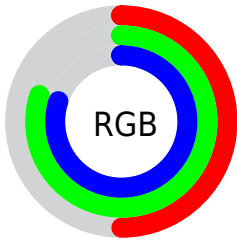
Format	Color
RYB	127, 166, 205
Decimal	8375756
CIELab	77.60, -24.19, -7.10
CIELCh	78, 25.215, 196.353
Yxy	52.5343, 0.2607, 0.3302
Android (android.graphics.Color)	4286565836 (0xFF7FCDCC)
YUV	181.5640, 11.0609, -47.8526
Hunter-Lab	72.4805, -24.6944, -2.5057

Details

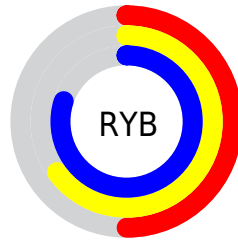
The Yxy color **52.5343, 0.2607, 0.3302** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.7016, 0.4048, 0.3280**, and the grayscale version is **46.4818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8073, 0.2716, 0.3289**, and **25.7129, 0.2475, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **51.1074, 0.2503, 0.3306**, and if you desaturate by 10%, it is **54.2855, 0.2727, 0.3299**.

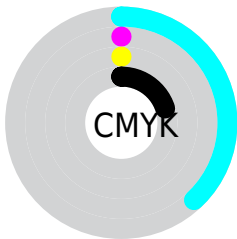
Distribution



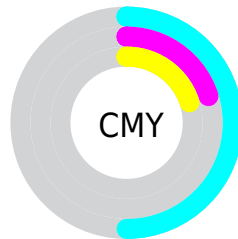
- Red (50%)
- Green (80%)
- Blue (80%)



- Red (50%)
- Yellow (65%)
- Blue (80%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)





- Cyan (50%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5343, 0.2607, 0.3302 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 52.5343, 0.2607, 0.3302 by changing the saturation by 10% instead.


 52.5343, 0.2607,
0.3302


 52.5343, 0.2607,
0.3302


396.4958, 0.2858,
0.3301


 37.4311, 0.2547,
0.3301


 93.9187, 0.2696,
0.3303

 25.5415, 0.2472,
0.3299


 120.9688, 0.2730,
0.3302

 16.4809, 0.2374,
0.3295


 152.7700, 0.2759,
0.3302

 9.8651, 0.2242,
0.3288

189.7066, 0.2785,
0.3302

 5.3096, 0.2057,
0.3272

232.1631, 0.2806,
0.3302

 2.4300, 0.1778,
0.3237

280.5239, 0.2826,

 0.8413, 0.0824,

0.3301

335.1733, 0.2843,
0.3301

0.3318

0.0000, 0.0000,
0.0000

52.5343, 0.2607,
0.3302

52.5343, 0.2607,
0.3302

51.1074, 0.2503,
0.3306

54.2855, 0.2727,
0.3299

49.9792, 0.2417,
0.3310

56.3728, 0.2860,
0.3295

49.1299, 0.2350,
0.3314


58.8148, 0.3005,
0.3292


48.5350, 0.2303,
0.3318


61.6270, 0.3157,
0.3290

48.1656, 0.2273,
0.3322

64.8240, 0.3314,
0.3287


 47.9789, 0.2259,
0.3326

 68.4195, 0.3473,
0.3285

 47.9511, 0.2257,
0.3327

 69.3777, 0.3511,
0.3283

 69.3904, 0.3509,
0.3280

 69.4032, 0.3507,
0.3277

Harmonies

Analogous

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



52.5343, 0.2853, 0.3623



52.5343, 0.2607, 0.3302



52.5343, 0.2497, 0.2999

Triad

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



52.5343, 0.2607, 0.3302



52.5343, 0.3044, 0.2804



52.5343, 0.3737, 0.3763

Complementary

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



52.5343, 0.2607, 0.3302



29.7016, 0.4048, 0.3280

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.



52.5343, 0.3801, 0.3523



52.5343, 0.2607, 0.3302



52.5343, 0.3388, 0.2987

Square

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



52.5343, 0.2607, 0.3302



52.5343, 0.2739, 0.2734



52.5343, 0.3671, 0.3243



52.5343, 0.3506, 0.3891

Rectangle

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



52.5343, 0.2607, 0.3302



52.5343, 0.2511, 0.2851



52.5343, 0.3671, 0.3243



52.5343, 0.3779, 0.3692

Sweetspot

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



52.5364, 0.2607, 0.3302



95.0396, 0.2960, 0.3293



49.8075, 0.3082, 0.4437



20.2227, 0.2940, 0.3294



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.



52.5364, 0.2607, 0.3302



84.0212, 0.2518, 0.3305



36.6555, 0.2522, 0.2749



12.7245, 0.2985, 0.3293



29.8484, 0.2257, 0.3326



1.5407, 0.2255, 0.3318

Inverse Universe

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



29.7016, 0.4048, 0.3280



41.2210, 0.4371, 0.3278



41.3052, 0.3872, 0.3772



11.2160, 0.3288, 0.3287



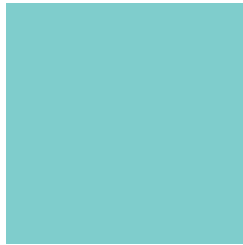
8.0847, 0.6385, 0.3291



0.4179, 0.6332, 0.3262

Previews

White Background



This preview shows how the Yxy color 52.5343, 0.2607, 0.3302 looks on a white background.

Color Contrast Check

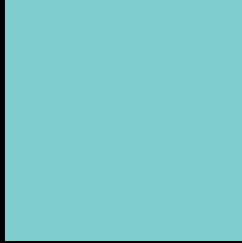
Large Text (above 18pt) WCAG AA × Fail

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 52.5343, 0.2607, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

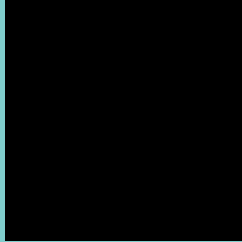
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

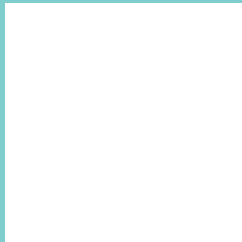
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5343, 0.2607, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 52.5343, 0.2607, 0.3302.

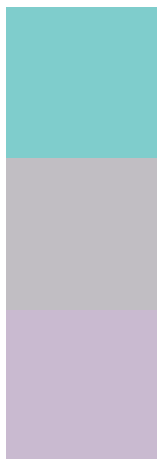


This preview shows how white text looks on a background with the Yxy color 52.5343, 0.2607, 0.3302.

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

52.5343, 0.2607, 0.3302

Protanopia

52.1045, 0.3114, 0.3228

Deuteranopia

52.0894, 0.3082, 0.3027



Tritanopia

52.6516, 0.2543, 0.3078

Trichromacy



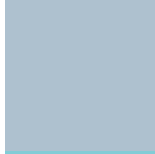
Original Color

52.5343, 0.2607, 0.3302



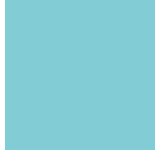
Protanomaly

51.5424, 0.2906, 0.3251



Deuteranomaly

51.6436, 0.2880, 0.3113



Tritanomaly

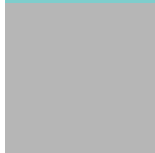
52.7866, 0.2567, 0.3156

Monochromacy



Original Color

52.5343, 0.2607, 0.3302



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

48.2260, 0.2906, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5343, 0.2607, 0.3302 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(127, 205, 204)` looks like.

```
.text, #text, p{  
    color:rgb(127, 205, 204)  
}
```

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(127, 205, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 205, 204) }
```

Border

The CSS property to change the border of an element to Yxy 52.5343, 0.2607, 0.3302 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(127, 205, 204) }
```

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

```
.border{ border-color:rgb(127, 205, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 205, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 205, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 205, 204);  
box-shadow:4px 4px 4px 4px rgb(127, 205,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5343, 0.2607, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 205, 204) }
```

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

```
.background{ background-color: rgb(127,  
205, 204) }
```

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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