

Converting Colors

$Yxy(51.3657, 0.2444, 0.3316)$

Have a look what the booklet for
Yxy(51.3657, 0.2444, 0.3316)
contains.

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Color

Yxy(51.3606, 0.2444, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	5DCFCF
RGB	93, 207, 205
RGB Percent	36%, 81%, 80%
CMY	0.6348, 0.1883, 0.1961
CMYK	0.55, 0.00, 0.01, 0.19
HSL	179°, 54%, 59%
HSV	179°, 55%, 81%
XYZ	37.8544, 51.3606, 65.6722
YIQ	172.6860, -67.3020, -24.7900

Conversions

Conversions Part 2

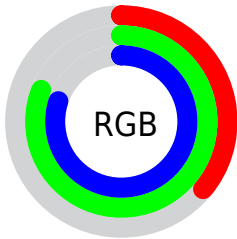
Format	Color
RYB	93, 151, 207
Decimal	6148045
CIELab	76.90, -32.55, -8.81
CIElCh	77, 33.719, 195.152
Yxy	51.3606, 0.2444, 0.3316
Android (android.graphics.Color)	4284338125 (0xFF5DCFCF)
YUV	172.6860, 15.9308, -69.8846
Hunter-Lab	71.6663, -31.1316, -4.1646

Details

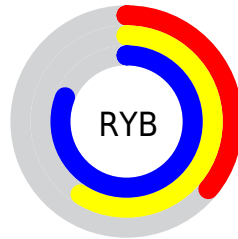
The Yxy color **51.3606, 0.2444, 0.3316** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **21.9422, 0.4729, 0.3271**, and the grayscale version is **41.5799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5123, 0.2574, 0.3288**, and **24.7764, 0.2266, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **50.4056, 0.2372, 0.3322**, and if you desaturate by 10%, it is **52.6120, 0.2535, 0.3311**.

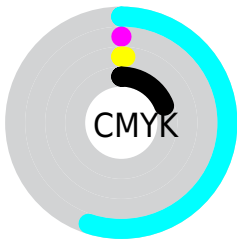
Distribution



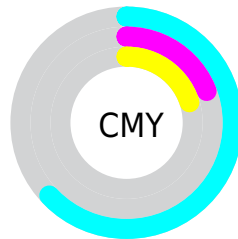
- Red (36%)
- Green (81%)
- Blue (80%)



- Red (36%)
- Yellow (59%)
- Blue (81%)



- Cyan (55%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (63%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3606, 0.2444, 0.3316 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 51.3606, 0.2444, 0.3316 by changing the saturation by 10% instead.


 51.3606, 0.2444,
0.3316


 51.3606, 0.2444,
0.3316


391.9632, 0.2773,
0.3311


 36.4957, 0.2366,
0.3315


 92.1876, 0.2561,
0.3316

 24.8173, 0.2268,
0.3312


 118.9184, 0.2605,
0.3315

 15.9410, 0.2142,
0.3307


 150.3733, 0.2643,
0.3315

 9.4824, 0.1973,
0.3295

 186.9368, 0.2676,
0.3314

 5.0571, 0.1739,
0.3270

228.9931, 0.2705,
0.3313

 2.2808, 0.1396,
0.3211

276.9266, 0.2731,

 0.7635, 0.0000,

0.3312

331.1219, 0.2753,
0.3312

0.3325

0.0000, 0.0000,
0.0000

51.3606, 0.2444,
0.3316

51.3606, 0.2444,
0.3316

50.4056, 0.2372,
0.3322

52.6120, 0.2535,
0.3311

49.7169, 0.2318,
0.3327

54.1753, 0.2644,
0.3305

49.2684, 0.2284,
0.3333

56.0720, 0.2768,
0.3301

49.0260, 0.2266,
0.3338

58.3199, 0.2904,
0.3296

48.9508, 0.2261,
0.3341

60.9357, 0.3051,
0.3292

■ 63.9350, 0.3204,
0.3288

■ 67.3323, 0.3362,
0.3285

■ 70.4307, 0.3491,
0.3282

■ 70.4486, 0.3488,
0.3278

Harmonies

Analogous

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



51.3606, 0.2771, 0.3761



51.3606, 0.2444, 0.3316



51.3606, 0.2297, 0.2904

Triad

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



51.3606, 0.2444, 0.3316



51.3606, 0.2992, 0.2645



51.3606, 0.3953, 0.3901

Complementary

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



51.3606, 0.2444, 0.3316



21.9422, 0.4729, 0.3271

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.



51.3606, 0.4035, 0.3571



51.3606, 0.2444, 0.3316



51.3606, 0.3457, 0.2876

Square

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



51.3606, 0.2444, 0.3316



51.3606, 0.2594, 0.2557



51.3606, 0.3851, 0.3205



51.3606, 0.3644, 0.4099

Rectangle

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



51.3606, 0.2444, 0.3316



51.3606, 0.2310, 0.2708



51.3606, 0.3851, 0.3205



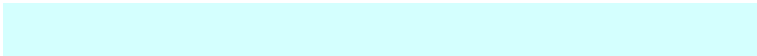
51.3606, 0.4009, 0.3800

Sweetspot

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



51.3626, 0.2444, 0.3316



92.6362, 0.2874, 0.3297



47.9508, 0.3067, 0.5034



19.6667, 0.2845, 0.3298



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.



51.3626, 0.2444, 0.3316



80.5632, 0.2361, 0.3323



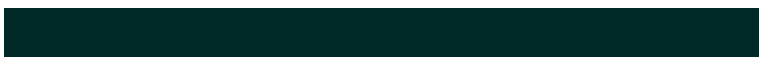
29.9001, 0.2266, 0.2480



13.4034, 0.2985, 0.3294



30.8455, 0.2261, 0.3340



1.7259, 0.2258, 0.3330

Inverse Universe

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



21.9422, 0.4729, 0.3271



28.7602, 0.5284, 0.3271



34.6945, 0.4331, 0.3952



11.8116, 0.3288, 0.3286



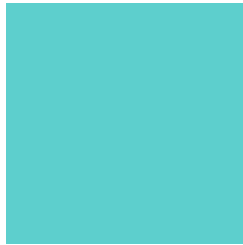
8.3643, 0.6380, 0.3288



0.4689, 0.6312, 0.3251

Previews

White Background



This preview shows how the Yxy color 51.3606, 0.2444, 0.3316 looks on a white background.

Color Contrast Check

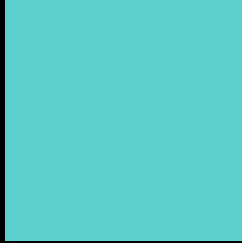
Large Text (above 18pt) WCAG AA × Fail

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 51.3606, 0.2444, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

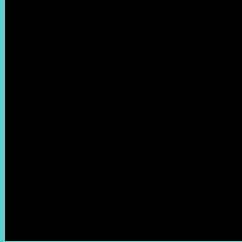
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

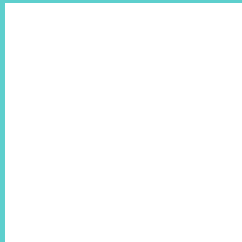
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3606, 0.2444, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 51.3606, 0.2444, 0.3316.

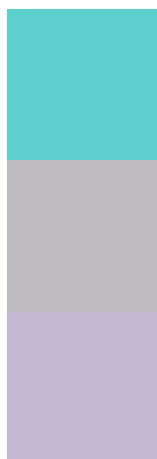


This preview shows how white text looks on a background with the Yxy color 51.3606, 0.2444, 0.3316.

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

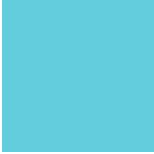
51.3606, 0.2444, 0.3316

Protanopia

50.7638, 0.3105, 0.3228

Deuteranopia

50.8044, 0.3035, 0.2977



Tritanopia

51.5358, 0.2385, 0.3071

Trichromacy



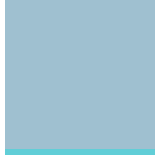
Original Color

51.3606, 0.2444, 0.3316



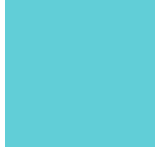
Protanomaly

50.0300, 0.2811, 0.3263



Deuteranomaly

49.6243, 0.2765, 0.3081



Tritanomaly

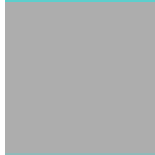
51.5903, 0.2408, 0.3164

Monochromacy



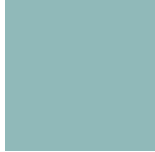
Original Color

51.3606, 0.2444, 0.3316



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

44.1300, 0.2803, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3606, 0.2444, 0.3316 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(93, 207, 205)` looks like.

```
.text, #text, p{  
    color:rgb(93, 207, 205)  
}
```

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(93, 207, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 207, 205) }
```

Border

The CSS property to change the border of an element to Yxy 51.3606, 0.2444, 0.3316 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(93, 207, 205) }
```

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

```
.border{ border-color:rgb(93, 207, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 207, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 207, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 207, 205);  
box-shadow:4px 4px 4px 4px rgb(93, 207,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3606, 0.2444, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 207, 205) }
```

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

```
.background{ background-color: rgb(93, 207,  
205) }
```

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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