

Converting Colors

$Yxy(43.6739, 0.2390, 0.3148)$

Have a look what the booklet for
Yxy(43.6739, 0.2390, 0.3148)
contains.

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Color

Yxy(43.5049, 0.2390, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	57BFC9
RGB	87, 191, 201
RGB Percent	34%, 75%, 79%
CMY	0.6587, 0.2510, 0.2118
CMYK	0.57, 0.05, 0.00, 0.21
HSL	185°, 51%, 56%
HSV	185°, 57%, 79%
XYZ	33.1031, 43.5049, 61.8986
YIQ	161.0440, -65.1940, -18.9380

Conversions

Conversions Part 2

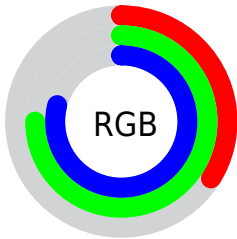
Format	Color
RYB	87, 141, 201
Decimal	5750729
CIELab	71.90, -27.08, -14.13
CIElCh	72, 30.544, 207.566
Yxy	43.5049, 0.2390, 0.3141
Android (android.graphics.Color)	4283940809 (0xFF57BFC9)
YUV	161.0440, 19.6983, -64.9366
Hunter-Lab	65.9582, -25.8415, -9.4700

Details

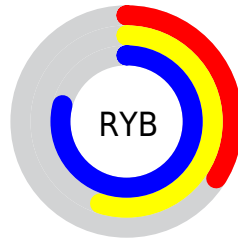
The Yxy color **43.5049, 0.2390, 0.3141** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **21.6524, 0.4748, 0.3418**, and the grayscale version is **35.5942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4658, 0.2531, 0.3209**, and **19.9979, 0.2189, 0.3080** is the 20% darker color. If you saturate the color by 10%, you get **41.9069, 0.2309, 0.3111**, and if you desaturate by 10%, it is **45.3847, 0.2489, 0.3170**.

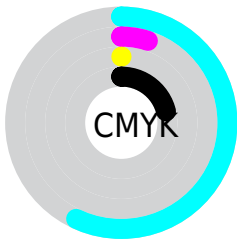
Distribution



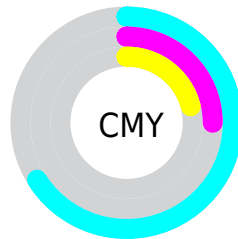
- Red (34%)
- Green (75%)
- Blue (79%)



- Red (34%)
- Yellow (55%)
- Blue (79%)



- Cyan (57%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)





- Cyan (66%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5049, 0.2390, 0.3141 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 43.5049, 0.2390, 0.3141 by changing the saturation by 10% instead.


 43.5049, 0.2390,
0.3141


 43.5049, 0.2390,
0.3141


360.6841, 0.2753,
0.3226


 30.2815, 0.2302,
0.3117


 80.4722, 0.2520,
0.3174

 20.0523, 0.2190,
0.3083


 104.9849, 0.2570,
0.3186

 12.4331, 0.2045,
0.3036


 134.0294, 0.2612,
0.3196

 7.0394, 0.1848,
0.2965

 167.9903, 0.2648,
0.3204

 3.4867, 0.1572,
0.2848

207.2517, 0.2679,
0.3211

 1.3908, 0.1123,
0.2643

252.1983, 0.2707,

 0.2099, 0.0000,

0.3217

0.1448

303.2142, 0.2731,
0.3222

0.0000, 0.0000,
0.0000

43.5049, 0.2390,
0.3141

43.5049, 0.2390,
0.3141

41.9069, 0.2309,
0.3111

45.3847, 0.2489,
0.3170

40.5628, 0.2247,
0.3081

47.5616, 0.2605,
0.3199

39.4473, 0.2203,
0.3051

50.0558, 0.2735,
0.3226

38.5253, 0.2177,
0.3022

52.8842, 0.2876,
0.3252

38.2420, 0.2170,
0.3012

56.0624, 0.3024,
0.3275

■ 59.6051, 0.3178,
0.3297

■ 63.5261, 0.3335,
0.3317

■ 67.8385, 0.3491,
0.3334

■ 70.0246, 0.3544,
0.3351

Harmonies

Analogous

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



43.5049, 0.2639, 0.3572



43.5049, 0.2390, 0.3141



43.5049, 0.2327, 0.2796

Triad

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



43.5049, 0.2390, 0.3141



43.5049, 0.3182, 0.2748



43.5049, 0.3818, 0.3976

Complementary

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



43.5049, 0.2390, 0.3141



21.6524, 0.4748, 0.3418

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.



43.5049, 0.3995, 0.3702



43.5049, 0.2390, 0.3141



43.5049, 0.3616, 0.3016

Square

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



43.5049, 0.2390, 0.3141



43.5049, 0.2760, 0.2602



43.5049, 0.3922, 0.3355



43.5049, 0.3459, 0.4079

Rectangle

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



43.5049, 0.2390, 0.3141



43.5049, 0.2393, 0.2654



43.5049, 0.3922, 0.3355



43.5049, 0.3902, 0.3899

Sweetspot

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



43.5065, 0.2390, 0.3141



90.2873, 0.2868, 0.3250



44.6459, 0.2995, 0.4962



19.1052, 0.2838, 0.3245



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.



43.5065, 0.2390, 0.3141



71.2091, 0.2293, 0.3104



23.4333, 0.2196, 0.2231



11.9026, 0.2984, 0.3269



24.1183, 0.2171, 0.3016



1.1898, 0.2188, 0.3078

Inverse Universe

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



22.9964, 0.3304, 0.2059



33.5149, 0.3347, 0.1872



36.0491, 0.4268, 0.4127



10.8000, 0.3151, 0.3082



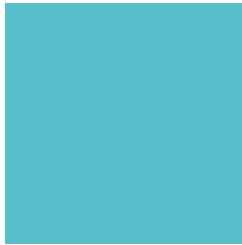
9.9748, 0.3440, 0.1669



0.4771, 0.3386, 0.1639

Previews

White Background



This preview shows how the Yxy color 43.5049, 0.2390, 0.3141 looks on a white background.

Color Contrast Check

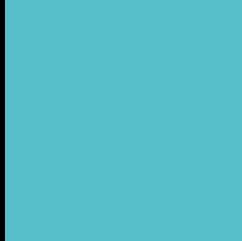
Large Text (above 18pt) WCAG AA × Fail

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 43.5049, 0.2390, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

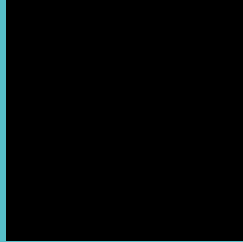
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5049, 0.2390, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 43.5049, 0.2390, 0.3141.

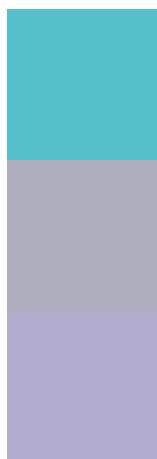


This preview shows how white text looks on a background with the Yxy color 43.5049, 0.2390, 0.3141.

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

43.5049, 0.2390, 0.3141

Protanopia

42.9885, 0.2999, 0.3078

Deuteranopia

42.8807, 0.2908, 0.2853



Tritanopia

43.4070, 0.2370, 0.3055

Trichromacy



Original Color

43.5049, 0.2390, 0.3141

Protanomaly

42.2883, 0.2721, 0.3093

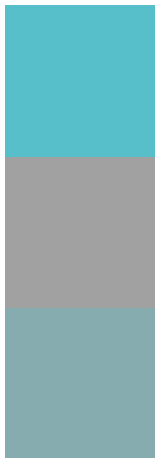
Deuteranomaly

42.1297, 0.2667, 0.2932

Tritanomaly

43.2613, 0.2376, 0.3083

Monochromacy



Original Color

43.5049, 0.2390, 0.3141

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

37.7080, 0.2776, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5049, 0.2390, 0.3141 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(87, 191, 201)` looks like.

```
.text, #text, p{  
    color:rgb(87, 191, 201)  
}
```

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(87, 191, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 191, 201) }
```

Border

The CSS property to change the border of an element to Yxy 43.5049, 0.2390, 0.3141 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(87, 191, 201) }
```

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

```
.border{ border-color:rgb(87, 191, 201) }
```

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

Here you see how a box with a 4 pixel rgb(87, 191, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 191, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 191, 201);  
box-shadow:4px 4px 4px 4px rgb(87, 191,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5049, 0.2390, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 191, 201) }
```

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

```
.background{ background-color: rgb(87, 191,  
201) }
```

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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