

Converting Colors

$Y_{xy}(43.3362, 0.2387, 0.3185)$

Have a look what the booklet for
Yxy(43.3362, 0.2387, 0.3185)
contains.

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Color

Yxy(43.1778, 0.2388, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	53BFC6
RGB	83, 191, 198
RGB Percent	33%, 75%, 78%
CMY	0.6749, 0.2509, 0.2236
CMYK	0.58, 0.04, 0.00, 0.22
HSL	184°, 50%, 55%
HSV	184°, 58%, 78%
XYZ	32.3834, 43.1778, 60.0475
YIQ	159.5060, -66.6150, -20.7190

Conversions

Conversions Part 2

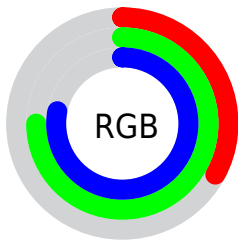
Format	Color
RYB	83, 139, 198
Decimal	5488582
CIELab	71.68, -28.69, -12.85
CIELCh	72, 31.437, 204.120
Yxy	43.1778, 0.2388, 0.3184
Android (android.graphics.Color)	4283678662 (0xFF53BFC6)
YUV	159.5060, 18.9775, -67.0958
Hunter-Lab	65.7098, -27.0232, -8.1840

Details

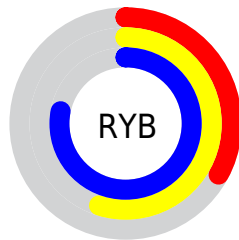
The Yxy color **43.1778, 0.2388, 0.3184** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **19.9193, 0.4836, 0.3381**, and the grayscale version is **34.8381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1944, 0.2519, 0.3209**, and **19.9049, 0.2206, 0.3141** is the 20% darker color. If you saturate the color by 10%, you get **41.8837, 0.2313, 0.3163**, and if you desaturate by 10%, it is **44.7365, 0.2482, 0.3204**.

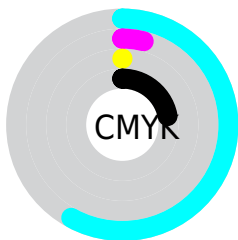
Distribution



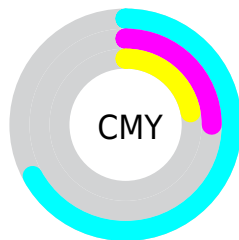
- Red (33%)
- Green (75%)
- Blue (78%)



- Red (33%)
- Yellow (55%)
- Blue (78%)



- Cyan (58%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)




- Cyan (67%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1778, 0.2388, 0.3184 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 43.1778, 0.2388, 0.3184 by changing the saturation by 10% instead.

 43.1778, 0.2388,
0.3184


 43.1778, 0.2388,
0.3184


359.3425, 0.2753,
0.3248


 30.0246, 0.2299,
0.3165


 79.9791, 0.2519,
0.3210

 19.8573, 0.2187,
0.3139


 104.3960, 0.2569,
0.3218

 12.2914, 0.2040,
0.3100


 133.3363, 0.2611,
0.3226

 6.9424, 0.1841,
0.3041

 167.1844, 0.2647,
0.3232

 3.4261, 0.1559,
0.2940

206.3247, 0.2679,
0.3237

 1.3580, 0.1076,
0.2766

251.1415, 0.2706,

 0.1855, 0.0000,

0.3241

0.1436

302.0193, 0.2731,
0.3244

0.0000, 0.0000,
0.0000

43.1778, 0.2388,
0.3184

43.1778, 0.2388,
0.3184

41.8837, 0.2313,
0.3163

44.7365, 0.2482,
0.3204

40.8266, 0.2257,
0.3143

46.5748, 0.2592,
0.3224

39.9817, 0.2219,
0.3123

48.7122, 0.2718,
0.3243

39.3089, 0.2198,
0.3103

51.1652, 0.2856,
0.3261

39.1903, 0.2194,
0.3099

53.9490, 0.3003,
0.3277

■ 57.0780, 0.3156,
0.3293

■ 60.5655, 0.3313,
0.3307

■ 64.4241, 0.3471,
0.3319

■ 67.4919, 0.3578,
0.3331

Harmonies

Analogous

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



43.1778, 0.2663, 0.3631



43.1778, 0.2388, 0.3184



43.1778, 0.2301, 0.2813

Triad

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



43.1778, 0.2388, 0.3184



43.1778, 0.3130, 0.2708



43.1778, 0.3872, 0.3971

Complementary

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



43.1778, 0.2388, 0.3184



19.9193, 0.4836, 0.3381

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.



43.1778, 0.4027, 0.3673



43.1778, 0.2388, 0.3184



43.1778, 0.3584, 0.2971

Square

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



43.1778, 0.2388, 0.3184



43.1778, 0.2705, 0.2574



43.1778, 0.3923, 0.3313



43.1778, 0.3517, 0.4105

Rectangle

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



43.1778, 0.2388, 0.3184



43.1778, 0.2354, 0.2653



43.1778, 0.3923, 0.3313



43.1778, 0.3950, 0.3885

Sweetspot

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



43.1794, 0.2388, 0.3184



91.0199, 0.2868, 0.3262



42.9343, 0.3012, 0.5064



19.2802, 0.2839, 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.



43.1794, 0.2388, 0.3184



73.5866, 0.2295, 0.3157



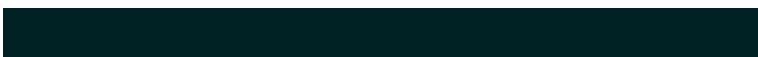
23.1534, 0.2188, 0.2265



11.9531, 0.2984, 0.3275



25.5347, 0.2195, 0.3102



1.2433, 0.2207, 0.3143

Inverse Universe

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



21.9382, 0.3271, 0.2006



33.0406, 0.3305, 0.1814



33.2473, 0.4333, 0.4098



10.8051, 0.3147, 0.3076



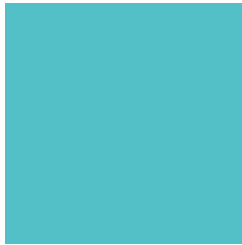
10.1177, 0.3366, 0.1628



0.4825, 0.3330, 0.1608

Previews

White Background



This preview shows how the Yxy color 43.1778, 0.2388, 0.3184 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 43.1778, 0.2388, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

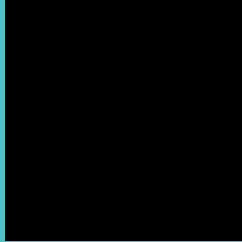
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

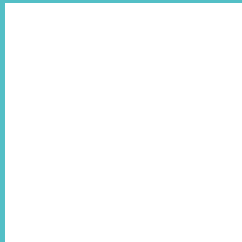
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1778, 0.2388, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 43.1778, 0.2388, 0.3184.

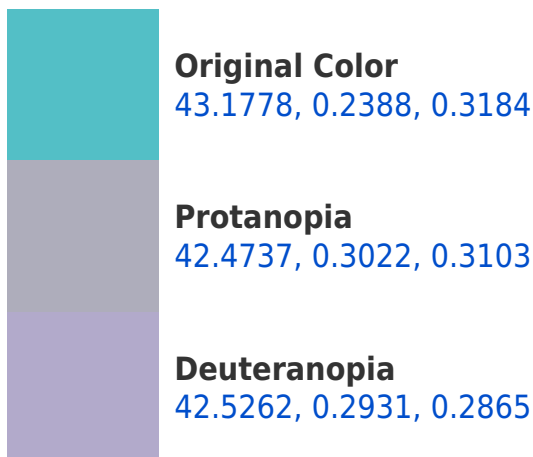


This preview shows how white text looks on a background with the Yxy color 43.1778, 0.2388, 0.3184.

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

43.2131, 0.2362, 0.3068

Trichromacy



Original Color

43.1778, 0.2388, 0.3184



Protanomaly

42.0668, 0.2734, 0.3133



Deuteranomaly

41.8975, 0.2679, 0.2971



Tritanomaly

43.0225, 0.2373, 0.3111

Monochromacy



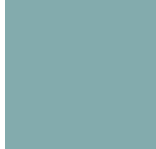
Original Color

43.1778, 0.2388, 0.3184



Achromatopsia

34.6704, 0.3127, 0.3290



Achromatomaly

36.9682, 0.2774, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1778, 0.2388, 0.3184 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(83, 191, 198)` looks like.

```
.text, #text, p{  
    color:rgb(83, 191, 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(83, 191, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 191, 198) }
```

Border

The CSS property to change the border of an element to Yxy 43.1778, 0.2388, 0.3184 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(83, 191, 198) }
```

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

```
.border{ border-color:rgb(83, 191, 198) }
```

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

Here you see how a box with a 4 pixel rgb(83, 191, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 191, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 191, 198);  
box-shadow:4px 4px 4px 4px rgb(83, 191,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1778, 0.2388, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 191, 198) }
```

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

```
.background{ background-color: rgb(83, 191,  
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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