

Converting Colors

$Yxy(43.3387, 0.2438, 0.3170)$

Have a look what the booklet for
Yxy(43.3387, 0.2438, 0.3170)
contains.

Yxy(43.3370, 0.2438, 0.3170)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.3370, 0.2438, 0.3170)

Conversions

Conversions Part 1

Format	Color
Hex	5FBEC6
RGB	95, 190, 198
RGB Percent	37%, 75%, 78%
CMY	0.6273, 0.2549, 0.2235
CMYK	0.52, 0.04, 0.00, 0.22
HSL	185°, 47%, 57%
HSV	185°, 52%, 78%
XYZ	33.3298, 43.3370, 60.0429
YIQ	162.5070, -59.1880, -17.6520

Conversions

Conversions Part 2

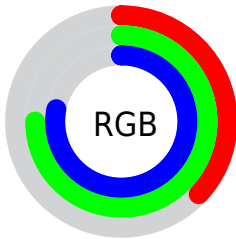
Format	Color
R _Y B	95, 144, 198
Decimal	6274758
CIE Lab	71.78, -25.79, -12.66
CIE LCh	72, 28.726, 206.144
Yxy	43.3370, 0.2438, 0.3170
Android (android.graphics.Color)	4284464838 (0xFF5FBEC6)
YUV	162.5070, 17.4980, -59.2036
Hunter-Lab	65.8308, -24.8303, -7.9956

Details

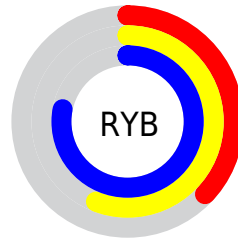
The Yxy color **43.3370, 0.2438, 0.3170** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **22.5470, 0.4553, 0.3398**, and the grayscale version is **36.3241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5138, 0.2560, 0.3199**, and **19.8688, 0.2249, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **41.7447, 0.2349, 0.3144**, and if you desaturate by 10%, it is **45.2092, 0.2544, 0.3196**.

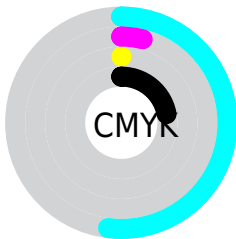
Distribution



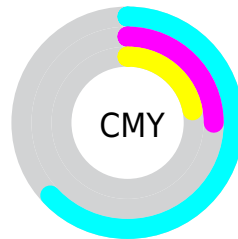
- Red (37%)
- Green (75%)
- Blue (78%)



- Red (37%)
- Yellow (56%)
- Blue (78%)



- Cyan (52%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)





- Cyan (63%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3370, 0.2438, 0.3170 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 43.3370, 0.2438, 0.3170 by changing the saturation by 10% instead.


 43.3370, 0.2438,
0.3170


 43.3370, 0.2438,
0.3170


359.9958, 0.2778,
0.3239

 30.1496, 0.2355,
0.3150


 80.2192, 0.2560,
0.3197

 19.9522, 0.2249,
0.3122


 104.6827, 0.2607,
0.3207

 12.3603, 0.2111,
0.3083


 133.6738, 0.2646,
0.3215

 6.9895, 0.1923,
0.3023

 167.5768, 0.2680,
0.3221

 3.4556, 0.1656,
0.2923

206.7761, 0.2709,
0.3227

 1.3739, 0.1219,
0.2744

251.6561, 0.2735,

 0.1974, 0.0000,

0.3232

0.1514

302.6012, 0.2758,
0.3236

0.0000, 0.0000,
0.0000

43.3370, 0.2438,
0.3170

43.3370, 0.2438,
0.3170

41.7447, 0.2349,
0.3144

45.2092, 0.2544,
0.3196

40.4065, 0.2279,
0.3117

47.3750, 0.2666,
0.3220

39.3000, 0.2228,
0.3090

49.8531, 0.2800,
0.3244

38.3969, 0.2196,
0.3064

52.6591, 0.2945,
0.3266

37.7787, 0.2179,
0.3044

55.8078, 0.3096,
0.3286

■ 59.3127, 0.3252,
0.3305

■ 63.1870, 0.3409,
0.3321

■ 67.4428, 0.3565,
0.3336

■ 68.4639, 0.3574,
0.3352

Harmonies

Analogous

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



43.3370, 0.2682, 0.3574



43.3370, 0.2438, 0.3170



43.3370, 0.2369, 0.2838

Triad

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



43.3370, 0.2438, 0.3170



43.3370, 0.3160, 0.2767



43.3370, 0.3792, 0.3929

Complementary

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



43.3370, 0.2438, 0.3170



22.5470, 0.4553, 0.3398

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.



43.3370, 0.3946, 0.3667



43.3370, 0.2438, 0.3170



43.3370, 0.3570, 0.3017

Square

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



43.3370, 0.2438, 0.3170



43.3370, 0.2765, 0.2635



43.3370, 0.3866, 0.3338



43.3370, 0.3461, 0.4032

Rectangle

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



43.3370, 0.2438, 0.3170



43.3370, 0.2426, 0.2697



43.3370, 0.3866, 0.3338



43.3370, 0.3867, 0.3855

Sweetspot

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



43.3387, 0.2438, 0.3170



91.0559, 0.2883, 0.3257



43.7878, 0.3013, 0.4830



19.2683, 0.2852, 0.3252



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.



43.3387, 0.2438, 0.3170



73.6712, 0.2342, 0.3141



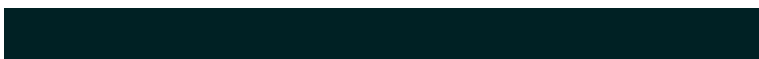
25.1708, 0.2278, 0.2365



11.9207, 0.2984, 0.3271



24.6216, 0.2180, 0.3047



1.2088, 0.2195, 0.3101

Inverse Universe

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



23.9171, 0.3275, 0.2136



36.2432, 0.3311, 0.1947



35.7461, 0.4167, 0.4046



10.8018, 0.3149, 0.3080



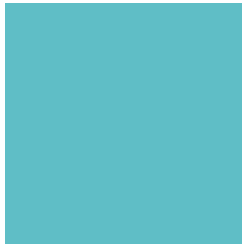
10.0256, 0.3413, 0.1654



0.4791, 0.3366, 0.1628

Previews

White Background



This preview shows how the Yxy color 43.3370, 0.2438, 0.3170 looks on a white background.

Color Contrast Check

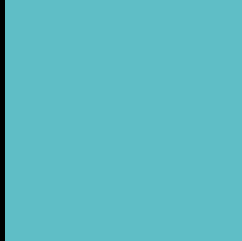
Large Text (above 18pt) WCAG AA × Fail

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 43.3370, 0.2438, 0.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

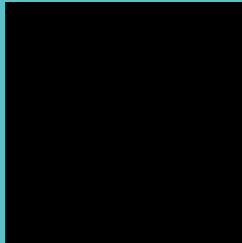
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3370, 0.2438, 0.3170

Background



This preview shows how black text looks on a background with the Yxy color 43.3370, 0.2438, 0.3170.

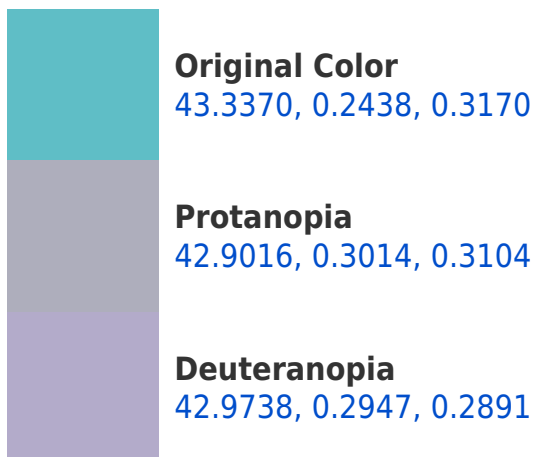


This preview shows how white text looks on a background with the Yxy color 43.3370, 0.2438, 0.3170.

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

43.2962, 0.2413, 0.3070

Trichromacy



Original Color

43.3370, 0.2438, 0.3170

Protanomaly

42.4680, 0.2757, 0.3121

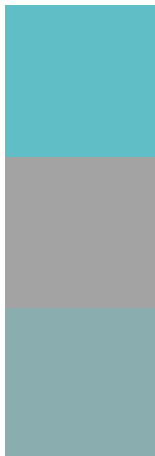
Deuteranomaly

42.3537, 0.2716, 0.2974

Tritanomaly

43.1463, 0.2419, 0.3098

Monochromacy



Original Color

43.3370, 0.2438, 0.3170

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

38.4250, 0.2809, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3370, 0.2438, 0.3170 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(95, 190, 198)` looks like.

```
.text, #text, p{  
    color:rgb(95, 190, 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(95, 190, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 190, 198) }
```

Border

The CSS property to change the border of an element to Yxy 43.3370, 0.2438, 0.3170 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(95, 190, 198) }
```

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

```
.border{ border-color:rgb(95, 190, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 190, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 190, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 190, 198);  
box-shadow:4px 4px 4px 4px rgb(95, 190,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3370, 0.2438, 0.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 190, 198) }
```

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

```
.background{ background-color: rgb(95, 190,  
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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