

Converting Colors

$Yxy(43.6216, 0.2641, 0.3381)$

Have a look what the booklet for
Yxy(43.6216, 0.2641, 0.3381)
contains.

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Color

Yxy(43.5960, 0.2640, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	75BDB7
RGB	117, 189, 183
RGB Percent	46%, 74%, 72%
CMY	0.5411, 0.2588, 0.2823
CMYK	0.38, 0.00, 0.03, 0.26
HSL	175°, 35%, 60%
HSV	175°, 38%, 74%
XYZ	34.0816, 43.5960, 51.4193
YIQ	166.7880, -40.9860, -17.1300

Conversions

Conversions Part 2

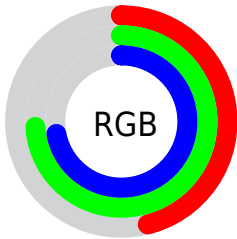
Format	Color
RYB	117, 155, 189
Decimal	7716279
CIELab	71.96, -23.91, -4.10
CIElCh	72, 24.256, 189.721
Yxy	43.5960, 0.2640, 0.3377
Android (android.graphics.Color)	4285906359 (0xFF75BDB7)
YUV	166.7880, 7.9925, -43.6641
Hunter-Lab	66.0273, -23.4106, 0.0465

Details

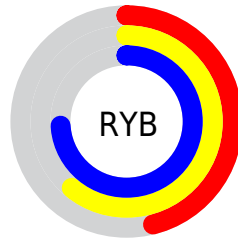
The Yxy color **43.5960, 0.2640, 0.3377** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **24.9737, 0.3973, 0.3209**, and the grayscale version is **38.5120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3075, 0.2727, 0.3356**, and **19.9964, 0.2501, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **42.3527, 0.2542, 0.3404**, and if you desaturate by 10%, it is **45.1078, 0.2753, 0.3352**.

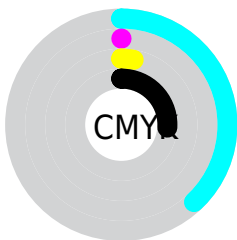
Distribution



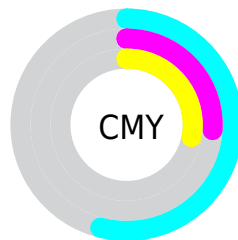
- Red (46%)
- Green (74%)
- Blue (72%)



- Red (46%)
- Yellow (61%)
- Blue (74%)



- Cyan (38%)
- Magenta (0%)
- Yellow (3%)
- Black (26%)





- Cyan (54%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5960, 0.2640, 0.3377 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 43.5960, 0.2640, 0.3377 by changing the saturation by 10% instead.


 43.5960, 0.2640,
0.3377

 43.5960, 0.2640,
0.3377


361.0571, 0.2884,
0.3336


 30.3530, 0.2579,
0.3386


 80.6095, 0.2729,
0.3363

 20.1067, 0.2501,
0.3398


 105.1488, 0.2762,
0.3357

 12.4726, 0.2398,
0.3412


 134.2223, 0.2790,
0.3353

 7.0664, 0.2254,
0.3429

168.2144, 0.2814,
0.3348

 3.5037, 0.2042,
0.3451

207.5096, 0.2835,
0.3345

 1.4000, 0.1677,
0.3481

252.4922, 0.2853,

 0.2167, 0.0000,

0.3342

0.2933

303.5465, 0.2869,
0.3339

0.0000, 0.0000,
0.0000

43.5960, 0.2640,
0.3377

43.5960, 0.2640,
0.3377

42.3527, 0.2542,
0.3404

45.1078, 0.2753,
0.3352

41.3567, 0.2461,
0.3431

46.8975, 0.2878,
0.3328

40.5921, 0.2398,
0.3459


48.9806, 0.3013,
0.3306


40.0386, 0.2355,
0.3487

51.3696, 0.3155,
0.3286


39.6728, 0.2330,
0.3515

54.0767, 0.3300,
0.3268

 39.4581, 0.2320,
0.3543

 57.1129, 0.3447,
0.3252

 39.4232, 0.2319,
0.3548

 60.4892, 0.3593,
0.3238

 61.6237, 0.3627,
0.3223

 61.6957, 0.3614,
0.3207

Harmonies

Analogous

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



43.5960, 0.2916, 0.3694



43.5960, 0.2640, 0.3377



43.5960, 0.2495, 0.3053

Triad

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



43.5960, 0.2640, 0.3377



43.5960, 0.2966, 0.2767



43.5960, 0.3782, 0.3726

Complementary

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



43.5960, 0.2640, 0.3377



24.9737, 0.3973, 0.3209

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.



43.5960, 0.3804, 0.3465



43.5960, 0.2640, 0.3377



43.5960, 0.3318, 0.2931

Square

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



43.5960, 0.2640, 0.3377



43.5960, 0.2674, 0.2724



43.5960, 0.3631, 0.3180



43.5960, 0.3579, 0.3890

Rectangle

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



43.5960, 0.2640, 0.3377



43.5960, 0.2485, 0.2885



43.5960, 0.3631, 0.3180



43.5960, 0.3812, 0.3646

Sweetspot

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



43.5977, 0.2640, 0.3377



86.5138, 0.2971, 0.3313



41.8923, 0.3119, 0.4418



18.4940, 0.2952, 0.3316



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.5977, 0.2640, 0.3377



76.1271, 0.2554, 0.3400



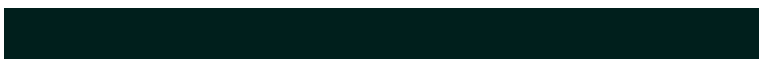
32.2545, 0.2536, 0.2829



10.7955, 0.2996, 0.3309



26.5299, 0.2318, 0.3545



1.0433, 0.2299, 0.3478

Inverse Universe

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



24.9737, 0.3973, 0.3209



37.8714, 0.4274, 0.3192



32.9728, 0.3892, 0.3706



9.5489, 0.3276, 0.3271



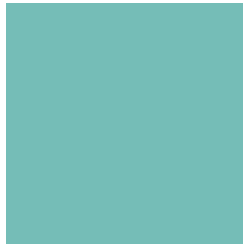
7.3088, 0.6294, 0.3241



0.2907, 0.5924, 0.3037

Previews

White Background



This preview shows how the Yxy color 43.5960, 0.2640, 0.3377 looks on a white background.

Color Contrast Check

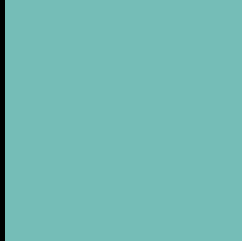
Large Text (above 18pt) WCAG AA × Fail

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 43.5960, 0.2640, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

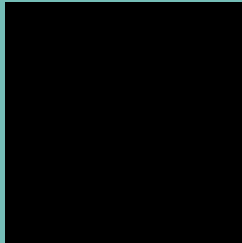
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

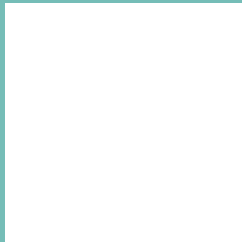
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5960, 0.2640, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 43.5960, 0.2640, 0.3377.



This preview shows how white text looks on a background with the Yxy color 43.5960, 0.2640, 0.3377.

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

43.5960, 0.2640, 0.3377

Protanopia

43.3388, 0.3163, 0.3290

Deuteranopia

42.9021, 0.3137, 0.3070



Tritanopia

43.4724, 0.2556, 0.3076

Trichromacy



Original Color

43.5960, 0.2640, 0.3377

Protanomaly

42.9248, 0.2942, 0.3317

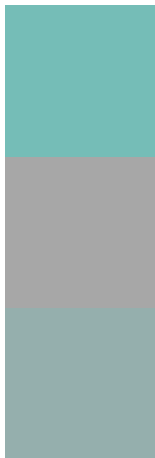
Deuteranomaly

42.6708, 0.2930, 0.3166

Tritanomaly

43.4288, 0.2588, 0.3188

Monochromacy



Original Color

43.5960, 0.2640, 0.3377

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.0666, 0.2921, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5960, 0.2640, 0.3377 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(117, 189, 183)` looks like.

```
.text, #text, p{  
    color:rgb(117, 189, 183)  
}
```

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(117, 189, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 189, 183) }
```

Border

The CSS property to change the border of an element to Yxy 43.5960, 0.2640, 0.3377 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(117, 189, 183) }
```

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

```
.border{ border-color:rgb(117, 189, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 189, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 189, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 189, 183);  
box-shadow:4px 4px 4px 4px rgb(117, 189,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5960, 0.2640, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 189, 183) }
```

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

```
.background{ background-color: rgb(117,  
189, 183) }
```

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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