

Converting Colors

$Yxy(43.9913, 0.2616, 0.3289)$

Have a look what the booklet for
Yxy(43.9913, 0.2616, 0.3289)
contains.

Yxy(43.9913, 0.2616, 0.3289)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.9913, 0.2616, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	77BDBD
RGB	119, 189, 189
RGB Percent	47%, 74%, 74%
CMY	0.5332, 0.2588, 0.2590
CMYK	0.37, 0.00, 0.00, 0.26
HSL	180°, 35%, 60%
HSV	180°, 37%, 74%
XYZ	34.9897, 43.9913, 54.7718
YIQ	168.0700, -41.7200, -14.8400

Conversions

Conversions Part 2

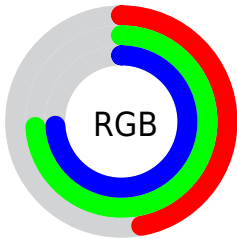
Format	Color
R _Y B	119, 154, 189
Decimal	7847357
CIE Lab	72.22, -21.92, -6.95
CIE LCh	72, 22.999, 197.595
Yxy	43.9913, 0.2616, 0.3289
Android (android.graphics.Color)	4286037437 (0xFF77BDBD)
YUV	168.0700, 10.3185, -43.0344
Hunter-Lab	66.3259, -21.9041, -2.5334

Details

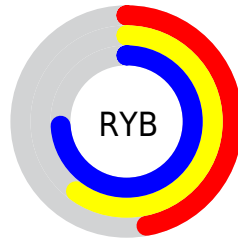
The Yxy color **43.9913, 0.2616, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **25.3517, 0.4015, 0.3292**, and the grayscale version is **39.1601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8961, 0.2707, 0.3289**, and **20.2293, 0.2469, 0.3268** is the 20% darker color. If you saturate the color by 10%, you get **42.7854, 0.2510, 0.3289**, and if you desaturate by 10%, it is **45.4666, 0.2738, 0.3289**.

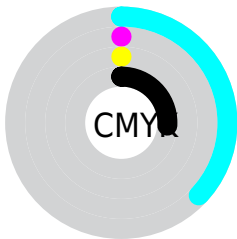
Distribution



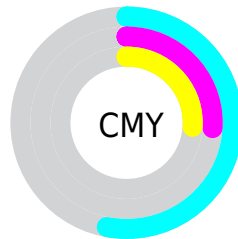
- Red (47%)
- Green (74%)
- Blue (74%)



- Red (47%)
- Yellow (60%)
- Blue (74%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)





- Cyan (53%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9913, 0.2616, 0.3289 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 43.9913, 0.2616, 0.3289 by changing the saturation by 10% instead.


 43.9913, 0.2616,
0.3289

 43.9913, 0.2616,
0.3289

362.6728, 0.2870,
0.3294


 30.6637, 0.2553,
0.3286


 81.2047, 0.2708,
0.3292

 20.3429, 0.2473,
0.3282


 105.8592, 0.2743,
0.3293

 12.6445, 0.2366,
0.3275


 135.0581, 0.2772,
0.3293

 7.1842, 0.2219,
0.3262

169.1858, 0.2797,
0.3293

 3.5776, 0.2004,
0.3236

208.6268, 0.2819,
0.3294

 1.4402, 0.1657,
0.3178

253.7653, 0.2838,

 0.2461, 0.0000,

0.3294

0.2461

304.9858, 0.2855,
0.3294

0.0000, 0.0000,
0.0000

43.9913, 0.2616,
0.3289

43.9913, 0.2616,
0.3289

42.7854, 0.2510,
0.3289

45.4666, 0.2738,
0.3289

41.8278, 0.2421,
0.3289

47.2207, 0.2874,
0.3289

41.1028, 0.2351,
0.3289


49.2687, 0.3020,
0.3290

40.5905, 0.2300,
0.3289

51.6233, 0.3173,
0.3290


40.2680, 0.2268,
0.3289

54.2963, 0.3332,
0.3290


 40.1032, 0.2251,
0.3289

 57.2991, 0.3492,
0.3291

 40.0668, 0.2247,
0.3289

 60.6422, 0.3652,
0.3291

 61.3329, 0.3683,
0.3291

 61.3333, 0.3683,
0.3291

Harmonies

Analogous

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



43.9913, 0.2850, 0.3600



43.9913, 0.2616, 0.3289



43.9913, 0.2516, 0.2999

Triad

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



43.9913, 0.2616, 0.3289



43.9913, 0.3060, 0.2824



43.9913, 0.3711, 0.3756

Complementary

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



43.9913, 0.2616, 0.3289



25.3517, 0.4015, 0.3292

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.



43.9913, 0.3780, 0.3527



43.9913, 0.2616, 0.3289



43.9913, 0.3393, 0.3005

Square

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



43.9913, 0.2616, 0.3289



43.9913, 0.2761, 0.2752



43.9913, 0.3662, 0.3257



43.9913, 0.3483, 0.3873

Rectangle

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



43.9913, 0.2616, 0.3289



43.9913, 0.2533, 0.2858



43.9913, 0.3662, 0.3257



43.9913, 0.3754, 0.3689

Sweetspot

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



43.9930, 0.2616, 0.3289



86.6491, 0.2958, 0.3290



41.7359, 0.3084, 0.4393



18.5265, 0.2938, 0.3290



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.



43.9930, 0.2616, 0.3289



77.0866, 0.2533, 0.3289



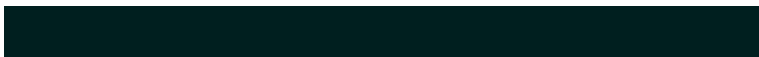
31.1004, 0.2542, 0.2770



10.8095, 0.2985, 0.3290



26.9571, 0.2247, 0.3289



1.0560, 0.2247, 0.3289

Inverse Universe

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



25.3517, 0.4015, 0.3292



39.1032, 0.4301, 0.3293



34.8841, 0.3842, 0.3756



9.5365, 0.3288, 0.3290



7.2794, 0.6400, 0.3299



0.2852, 0.6397, 0.3298

Previews

White Background



This preview shows how the Yxy color 43.9913, 0.2616, 0.3289 looks on a white background.

Color Contrast Check

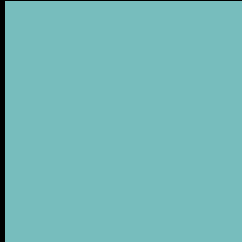
Large Text (above 18pt) WCAG AA × Fail

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 43.9913, 0.2616, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

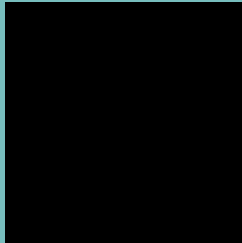
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

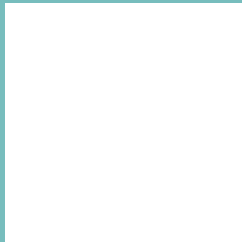
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9913, 0.2616, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 43.9913, 0.2616, 0.3289.

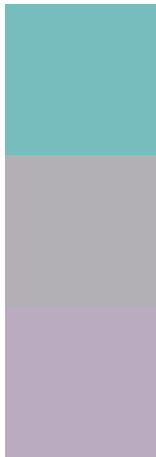


This preview shows how white text looks on a background with the Yxy color 43.9913, 0.2616, 0.3289.

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

43.9913, 0.2616, 0.3289

Protanopia

43.4611, 0.3105, 0.3210

Deuteranopia

43.4152, 0.3079, 0.3008



Tritanopia

43.9425, 0.2552, 0.3076

Trichromacy



Original Color

43.9913, 0.2616, 0.3289

Protanomaly

43.2713, 0.2906, 0.3234

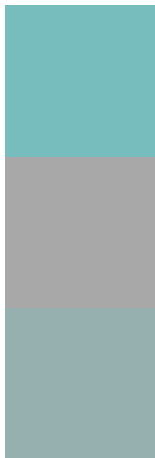
Deuteranomaly

43.3279, 0.2886, 0.3100

Tritanomaly

44.0626, 0.2578, 0.3160

Monochromacy



Original Color

43.9913, 0.2616, 0.3289

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.6693, 0.2907, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9913, 0.2616, 0.3289 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(119, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(119, 189, 189)  
}
```

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(119, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 189, 189) }
```

Border

The CSS property to change the border of an element to Yxy 43.9913, 0.2616, 0.3289 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(119, 189, 189) }
```

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

```
.border{ border-color:rgb(119, 189, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 189, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 189, 189);  
box-shadow:4px 4px 4px 4px rgb(119, 189,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9913, 0.2616, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 189, 189) }
```

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

```
.background{ background-color: rgb(119,  
189, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor