

Converting Colors

$Yxy(43.4883, 0.2706, 0.3289)$

Have a look what the booklet for
Yxy(43.4883, 0.2706, 0.3289)
contains.

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Color

Yxy(43.4883, 0.2706, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	83BABA
RGB	131, 186, 186
RGB Percent	51%, 73%, 73%
CMY	0.4863, 0.2706, 0.2706
CMYK	0.30, 0.00, 0.00, 0.27
HSL	180°, 29%, 62%
HSV	180°, 30%, 73%
XYZ	35.7797, 43.4883, 52.9555
YIQ	169.5550, -32.7800, -11.6600

Conversions

Conversions Part 2

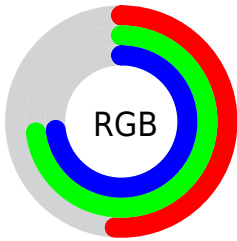
Format	Color
RYB	131, 159, 186
Decimal	8633018
CIELab	71.89, -17.79, -5.76
CIELCh	72, 18.699, 197.929
Yxy	43.4883, 0.2706, 0.3289
Android (android.graphics.Color)	4286823098 (0xFF83BABA)
YUV	169.5550, 8.1074, -33.8127
Hunter-Lab	65.9457, -18.5574, -1.4489

Details

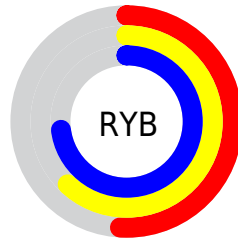
The Yxy color **43.4883, 0.2706, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **28.3095, 0.3775, 0.3292**, and the grayscale version is **39.9364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3542, 0.2785, 0.3289**, and **20.1308, 0.2588, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **42.1356, 0.2588, 0.3289**, and if you desaturate by 10%, it is **45.1111, 0.2838, 0.3289**.

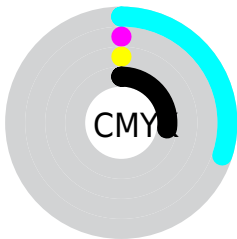
Distribution



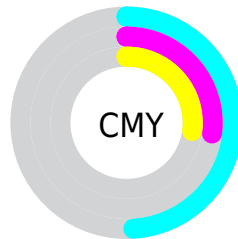
- Red (51%)
- Green (73%)
- Blue (73%)



- Red (51%)
- Yellow (62%)
- Blue (73%)



- Cyan (30%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)




- Cyan (49%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4883, 0.2706, 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 43.4883, 0.2706, 0.3289 by changing the saturation by 10% instead.


 43.4883, 0.2706,
0.3289


 43.4883, 0.2706,
0.3289


360.6161, 0.2917,
0.3293


 30.2684, 0.2653,
0.3287


 80.4472, 0.2783,
0.3291

 20.0424, 0.2586,
0.3284


 104.9550, 0.2811,
0.3292

 12.4259, 0.2496,
0.3279


 133.9943, 0.2836,
0.3292

 7.0344, 0.2372,
0.3270

167.9494, 0.2856,
0.3292

 3.4836, 0.2187,
0.3252

207.2047, 0.2875,
0.3292

 1.3891, 0.1886,
0.3209

252.1447, 0.2890,

 0.2087, 0.0000,

0.3292

0.2489

303.1537, 0.2904,
0.3293

0.0000, 0.0000,
0.0000

43.4883, 0.2706,
0.3289

43.4883, 0.2706,
0.3289

42.1356, 0.2588,
0.3289

45.1111, 0.2838,
0.3289

41.0335, 0.2486,
0.3289

47.0120, 0.2982,
0.3290

40.1681, 0.2402,
0.3288

49.2050, 0.3134,
0.3290

39.5221, 0.2337,
0.3288

51.7018, 0.3291,
0.3290

39.0759, 0.2290,
0.3288

54.5133, 0.3451,
0.3291

■ 38.8062, 0.2262,
0.3288

■ 57.6499, 0.3611,
0.3291

■ 38.6686, 0.2247,
0.3288

■ 59.9272, 0.3717,
0.3291

■ 38.6635, 0.2247,
0.3288

■ 59.9275, 0.3717,
0.3291

■ 59.9277, 0.3716,
0.3291

Harmonies

Analogous

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



43.4883, 0.2899, 0.3539



43.4883, 0.2706, 0.3289



43.4883, 0.2623, 0.3053

Triad

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



43.4883, 0.2706, 0.3289



43.4883, 0.3077, 0.2906



43.4883, 0.3603, 0.3676

Complementary

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



43.4883, 0.2706, 0.3289



28.3095, 0.3775, 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.



43.4883, 0.3659, 0.3491



43.4883, 0.2706, 0.3289



43.4883, 0.3348, 0.3058

Square

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



43.4883, 0.2706, 0.3289



43.4883, 0.2830, 0.2846



43.4883, 0.3564, 0.3268



43.4883, 0.3417, 0.3765

Rectangle

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



43.4883, 0.2706, 0.3289



43.4883, 0.2639, 0.2937



43.4883, 0.3564, 0.3268



43.4883, 0.3638, 0.3622

Sweetspot

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



43.4900, 0.2706, 0.3289



85.3642, 0.2988, 0.3290



41.6574, 0.3095, 0.4137



18.6796, 0.2967, 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.



43.4900, 0.2706, 0.3289



77.2920, 0.2633, 0.3289



33.3099, 0.2663, 0.2890



10.2106, 0.2986, 0.3290



26.0095, 0.2247, 0.3288



0.9169, 0.2247, 0.3288

Inverse Universe

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



28.3095, 0.3775, 0.3292



45.6434, 0.3965, 0.3292



36.3901, 0.3670, 0.3659



9.0123, 0.3288, 0.3290



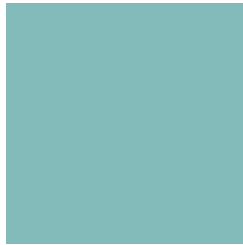
7.0232, 0.6400, 0.3299



0.2476, 0.6399, 0.3298

Previews

White Background



This preview shows how the Yxy color 43.4883, 0.2706, 0.3289 looks on a white background.

Color Contrast Check

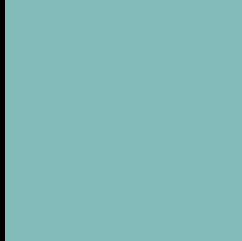
Large Text (above 18pt) WCAG AA × Fail

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 43.4883, 0.2706, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

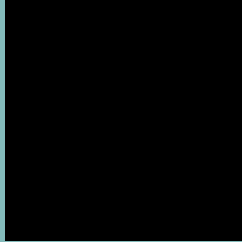
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

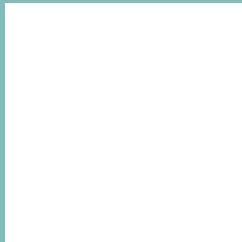
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4883, 0.2706, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 43.4883, 0.2706, 0.3289.



This preview shows how white text looks on a background with the Yxy color 43.4883, 0.2706, 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

43.4883, 0.2706, 0.3289

Protanopia

43.2617, 0.3112, 0.3237

Deuteranopia

43.2390, 0.3111, 0.3058



Tritanopia

43.4728, 0.2640, 0.3079

Trichromacy



Original Color

43.4883, 0.2706, 0.3289

Protanomaly

43.0912, 0.2944, 0.3248

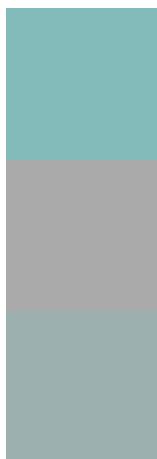
Deuteranomaly

42.7885, 0.2947, 0.3127

Tritanomaly

43.5795, 0.2667, 0.3161

Monochromacy



Original Color

43.4883, 0.2706, 0.3289

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.2532, 0.2956, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4883, 0.2706, 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(131, 186, 186)` looks like.

```
.text, #text, p{  
    color:rgb(131, 186, 186)  
}
```

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(131, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 186, 186) }
```

Border

The CSS property to change the border of an element to Yxy 43.4883, 0.2706, 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(131, 186, 186) }
```

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

```
.border{ border-color:rgb(131, 186, 186) }
```

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

Here you see how a box with a 4 pixel rgb(131, 186, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(131, 186,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4883, 0.2706, 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(131, 186, 186) }
```

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

```
.background{ background-color: rgb(131,  
186, 186) }
```

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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