

Converting Colors

$Yxy(43.8678, 0.2835, 0.3789)$

Have a look what the booklet for
Yxy(43.8678, 0.2835, 0.3789)
contains.

Yxy(43.8678, 0.2835, 0.3789)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.8678, 0.2835, 0.3789)

Conversions

Conversions Part 1

Format	Color
Hex	7ABF9E
RGB	122, 191, 158
RGB Percent	48%, 75%, 62%
CMY	0.5218, 0.2509, 0.3804
CMYK	0.36, 0.00, 0.17, 0.25
HSL	151°, 35%, 61%
HSV	151°, 36%, 75%
XYZ	32.8227, 43.8678, 39.0862
YIQ	166.6070, -30.5310, -24.8910

Conversions

Conversions Part 2

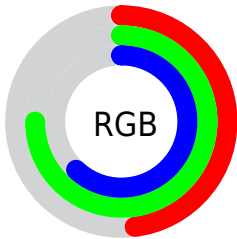
Format	Color
RYB	122, 167, 191
Decimal	8044446
CIELab	72.14, -29.12, 9.83
CIElCh	72, 30.736, 161.357
Yxy	43.8678, 0.2835, 0.3789
Android (android.graphics.Color)	4286234526 (0xFF7ABF9E)
YUV	166.6070, -4.2433, -39.1203
Hunter-Lab	66.2328, -27.4488, 11.3739

Details

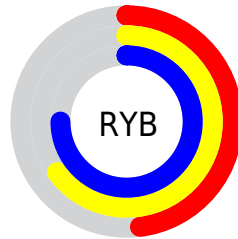
The Yxy color **43.8678, 0.2835, 0.3789** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **27.3489, 0.3573, 0.2844**, and the grayscale version is **38.4699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2860, 0.2892, 0.3690**, and **20.2181, 0.2737, 0.3938** is the 20% darker color. If you saturate the color by 10%, you get **42.3075, 0.2771, 0.3957**, and if you desaturate by 10%, it is **45.7290, 0.2909, 0.3633**.

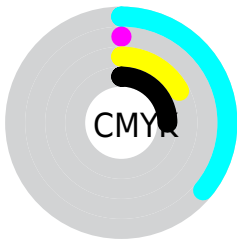
Distribution



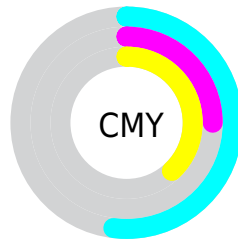
- Red (48%)
- Green (75%)
- Blue (62%)



- Red (48%)
- Yellow (65%)
- Blue (75%)



- Cyan (36%)
- Magenta (0%)
- Yellow (17%)
- Black (25%)




- Cyan (52%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8678, 0.2835, 0.3789 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 43.8678, 0.2835, 0.3789 by changing the saturation by 10% instead.


 43.8678, 0.2835,
0.3789

 43.8678, 0.2835,
0.3789

362.1685, 0.2986,
0.3529


 30.5666, 0.2795,
0.3858


 81.0188, 0.2891,
0.3692

 20.2690, 0.2743,
0.3948


 105.6373, 0.2912,
0.3656

 12.5908, 0.2672,
0.4073


 134.7971, 0.2930,
0.3626

 7.1474, 0.2569,
0.4255

168.8826, 0.2944,
0.3601

 3.5544, 0.2407,
0.4546

208.2780, 0.2957,
0.3579

 1.4276, 0.2045,
0.5153

253.3679, 0.2968,

 0.2369, 0.0000,

0.3560

1.0000

304.5366, 0.2978,
0.3543

0.0000, 0.0000,
0.0000

43.8678, 0.2835,
0.3789

43.8678, 0.2835,
0.3789

42.3075, 0.2771,
0.3957

45.7290, 0.2909,
0.3633

41.0262, 0.2719,
0.4135

47.9011, 0.2990,
0.3491

40.0072, 0.2684,
0.4320


50.4000, 0.3074,
0.3362

39.2299, 0.2668,
0.4507


53.2392, 0.3160,
0.3247

38.6705, 0.2671,
0.4692

56.4312, 0.3246,
0.3146

 38.2984, 0.2694,
0.4869

 59.9878, 0.3331,
0.3056

 38.1819, 0.2704,
0.4936

 63.7961, 0.3408,
0.2976

 64.2988, 0.3336,
0.2887

 64.8283, 0.3266,
0.2800

Harmonies

Analogous

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



43.8678, 0.3263, 0.4048



43.8678, 0.2835, 0.3789



43.8678, 0.2501, 0.3372

Triad

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



43.8678, 0.2835, 0.3789



43.8678, 0.2575, 0.2584



43.8678, 0.3991, 0.3518

Complementary

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



43.8678, 0.2835, 0.3789



27.3489, 0.3573, 0.2844

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.



43.8678, 0.3783, 0.3166



43.8678, 0.2835, 0.3789



43.8678, 0.2944, 0.2649

Square

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



43.8678, 0.2835, 0.3789



43.8678, 0.2361, 0.2687



43.8678, 0.3389, 0.2857



43.8678, 0.3945, 0.3844

Rectangle

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



43.8678, 0.2835, 0.3789



43.8678, 0.2369, 0.3089



43.8678, 0.3389, 0.2857



43.8678, 0.3948, 0.3400

Sweetspot

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



43.8696, 0.2835, 0.3789



87.9340, 0.3031, 0.3425



45.6721, 0.3347, 0.4279



19.1760, 0.3020, 0.3443



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.8696, 0.2835, 0.3789



76.4067, 0.2786, 0.3914



44.6628, 0.2623, 0.3272



10.7306, 0.3047, 0.3402



25.1053, 0.2698, 0.4913



0.9965, 0.2580, 0.4487

Inverse Universe

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



27.3489, 0.3573, 0.2844



42.6824, 0.3706, 0.2751



26.6719, 0.3981, 0.3308



9.6103, 0.3215, 0.3181



7.7950, 0.5027, 0.2543



0.3186, 0.4480, 0.2242

Previews

White Background



This preview shows how the Yxy color 43.8678, 0.2835, 0.3789 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 43.8678, 0.2835, 0.3789 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 43.8678, 0.2835, 0.3789

Background



This preview shows how black text looks on a background with the Yxy color 43.8678, 0.2835, 0.3789.

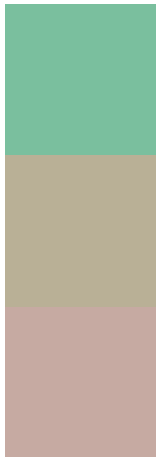


This preview shows how white text looks on a background with the Yxy color 43.8678, 0.2835, 0.3789.

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

43.8678, 0.2835, 0.3789

Protanopia

43.5670, 0.3428, 0.3640

Deuteranopia

43.3639, 0.3458, 0.3394



Tritanopia

43.6933, 0.2616, 0.3078

Trichromacy



Original Color

43.8678, 0.2835, 0.3789

Protanomaly

43.0290, 0.3186, 0.3688

Deuteranomaly

42.9600, 0.3195, 0.3526

Tritanomaly

43.6326, 0.2694, 0.3318

Monochromacy



Original Color

43.8678, 0.2835, 0.3789

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.3103, 0.3007, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8678, 0.2835, 0.3789 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(122, 191, 158)` looks like.

```
.text, #text, p{  
    color:rgb(122, 191, 158)  
}
```

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(122, 191, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 191, 158) }
```

Border

The CSS property to change the border of an element to Yxy 43.8678, 0.2835, 0.3789 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(122, 191, 158) }
```

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

```
.border{ border-color:rgb(122, 191, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 191, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 191, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 191, 158);  
box-shadow:4px 4px 4px 4px rgb(122, 191,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8678, 0.2835, 0.3789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 191, 158) }
```

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

```
.background{ background-color: rgb(122,  
191, 158) }
```

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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