

Converting Colors

Yxy(56.8592, 0.2882, 0.3797)

Have a look what the booklet for
Yxy(56.8592, 0.2882, 0.3797)
contains.

Yxy(57.0674, 0.2879, 0.3802)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.0674, 0.2879, 0.3802)

Conversions

Conversions Part 1

Format	Color
Hex	8FD6B0
RGB	143, 214, 176
RGB Percent	56%, 84%, 69%
CMY	0.4392, 0.1608, 0.3098
CMYK	0.33, 0.00, 0.18, 0.16
HSL	148°, 46%, 70%
HSV	148°, 33%, 84%
XYZ	43.2133, 57.0674, 49.8176
YIQ	188.4390, -30.1180, -26.8700

Conversions

Conversions Part 2

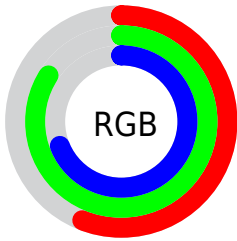
Format	Color
RYB	143, 191, 214
Decimal	9426608
CIELab	80.22, -30.26, 11.78
CIELCh	80, 32.472, 158.730
Yxy	57.0674, 0.2879, 0.3802
Android (android.graphics.Color)	4287616688 (0xFF8FD6B0)
YUV	188.4390, -6.1324, -39.8500
Hunter-Lab	75.5430, -30.0917, 13.7806

Details

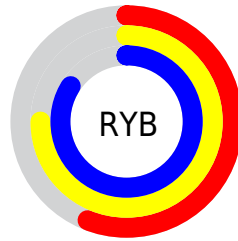
The Yxy color **57.0674, 0.2879, 0.3802** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.2820, 0.3486, 0.2831**, and the grayscale version is **50.6038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4883, 0.2919, 0.3536**, and **28.4000, 0.2814, 0.3958** is the 20% darker color. If you saturate the color by 10%, you get **54.9038, 0.2817, 0.3990**, and if you desaturate by 10%, it is **59.6382, 0.2949, 0.3629**.

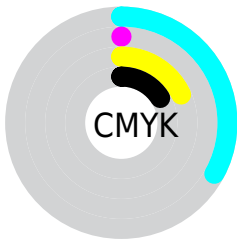
Distribution



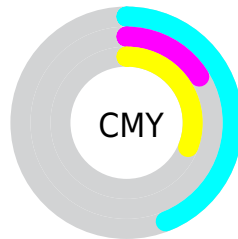
- Red (56%)
- Green (84%)
- Blue (69%)



- Red (56%)
- Yellow (75%)
- Blue (84%)



- Cyan (33%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)



- Cyan (44%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0674, 0.2879, 0.3802 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 57.0674, 0.2879, 0.3802 by changing the saturation by 10% instead.


 57.0674, 0.2879,
0.3802


 57.0674, 0.2879,
0.3802


413.7018, 0.3003,
0.3546

 41.0594, 0.2848,
0.3866


 100.5635, 0.2924,
0.3709

 28.3655, 0.2808,
0.3948


 128.8204, 0.2941,
0.3674

 18.6013, 0.2756,
0.4058


161.9290, 0.2955,
0.3644

 11.3826, 0.2682,
0.4210

200.2737, 0.2968,
0.3619

 6.3248, 0.2573,
0.4437

244.2390, 0.2978,
0.3597

 3.0436, 0.2395,
0.4809

294.2092, 0.2988,

 1.1545, 0.1772,

0.3578

0.6080

350.5686, 0.2996,
0.3561

■ 0.0241, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0674, 0.2879,
0.3802

■ 57.0674, 0.2879,
0.3802

■ 54.9038, 0.2817,
0.3990

■ 59.6382, 0.2949,
0.3629

■ 53.1188, 0.2767,
0.4189


■ 62.6293, 0.3024,
0.3472

■ 51.6907, 0.2732,
0.4398


■ 66.0617, 0.3102,
0.3331

■ 50.5930, 0.2715,
0.4609

■ 69.9529, 0.3181,
0.3206

 49.7950, 0.2717,
0.4816

 74.3194, 0.3258,
0.3096

 49.2599, 0.2739,
0.5014

 75.9295, 0.3215,
0.2987

 49.0037, 0.2761,
0.5141

 76.5737, 0.3146,
0.2891

Harmonies

Analogous

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



57.0674, 0.3297, 0.4033



57.0674, 0.2879, 0.3802



57.0674, 0.2543, 0.3407

Triad

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



57.0674, 0.2879, 0.3802



57.0674, 0.2567, 0.2607



57.0674, 0.3955, 0.3483

Complementary

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



57.0674, 0.2879, 0.3802



37.2820, 0.3486, 0.2831

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.



57.0674, 0.3734, 0.3141



57.0674, 0.2879, 0.3802



57.0674, 0.2914, 0.2656

Square

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



57.0674, 0.2879, 0.3802



57.0674, 0.2374, 0.2724



57.0674, 0.3343, 0.2848



57.0674, 0.3932, 0.3804

Rectangle

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



57.0674, 0.2879, 0.3802



57.0674, 0.2404, 0.3131



57.0674, 0.3343, 0.2848



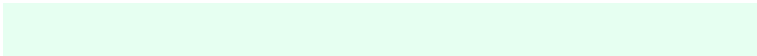
57.0674, 0.3906, 0.3368

Sweetspot

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



57.0698, 0.2879, 0.3802



94.6324, 0.3048, 0.3427



60.0294, 0.3370, 0.4187



20.1055, 0.3037, 0.3448



0.0000, 0.0000, 0.0000



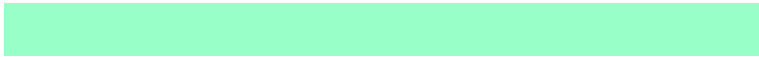
21.4041, 0.3127, 0.3290

Same Dimension

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



57.0698, 0.2879, 0.3802



82.4819, 0.2833, 0.3936



58.6103, 0.2678, 0.3334



13.9911, 0.3053, 0.3417



29.6398, 0.2754, 0.5114



1.8044, 0.2662, 0.4782

Inverse Universe

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



37.2820, 0.3486, 0.2831



48.5761, 0.3595, 0.2730



36.0386, 0.3856, 0.3248



12.5308, 0.3208, 0.3166



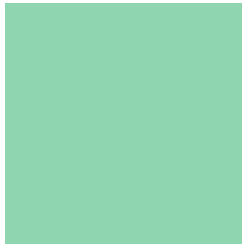
9.4039, 0.4799, 0.2418



0.5839, 0.4450, 0.2225

Previews

White Background



This preview shows how the Yxy color 57.0674, 0.2879, 0.3802 looks on a white background.

Color Contrast Check

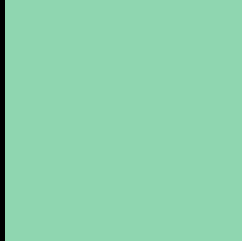
Large Text (above 18pt) WCAG AA × Fail

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 57.0674, 0.2879, 0.3802 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 57.0674, 0.2879, 0.3802

Background



This preview shows how black text looks on a background with the Yxy color 57.0674, 0.2879, 0.3802.

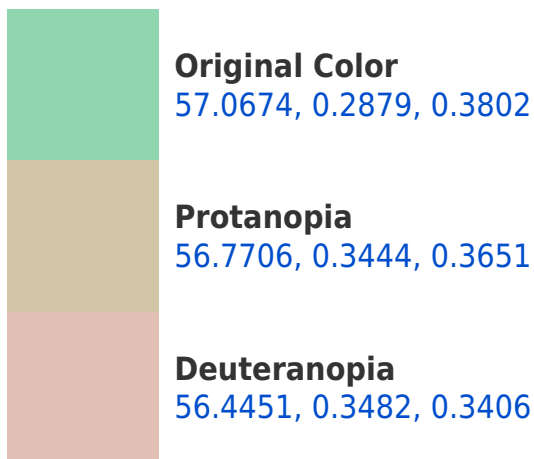


This preview shows how white text looks on a background with the Yxy color 57.0674, 0.2879, 0.3802.

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

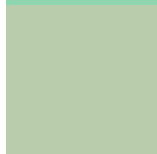
56.7798, 0.2649, 0.3076

Trichromacy



Original Color

57.0674, 0.2879, 0.3802



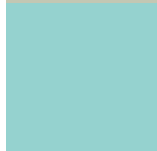
Protanomaly

56.4403, 0.3216, 0.3707



Deuteranomaly

55.7036, 0.3243, 0.3537



Tritanomaly

56.9877, 0.2727, 0.3328

Monochromacy



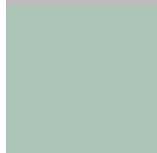
Original Color

57.0674, 0.2879, 0.3802



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

52.1639, 0.3026, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0674, 0.2879, 0.3802 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(143, 214, 176)` looks like.

```
.text, #text, p{  
    color:rgb(143, 214, 176)  
}
```

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(143, 214, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 214, 176) }
```

Border

The CSS property to change the border of an element to Yxy 57.0674, 0.2879, 0.3802 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(143, 214, 176) }
```

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

```
.border{ border-color:rgb(143, 214, 176) }
```

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

Here you see how a box with a 4 pixel rgb(143, 214, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 214, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 214, 176);  
box-shadow:4px 4px 4px 4px rgb(143, 214,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0674, 0.2879, 0.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 214, 176) }
```

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

```
.background{ background-color: rgb(143,  
214, 176) }
```

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