

Converting Colors

$Yxy(63.4377, 0.2844, 0.3841)$

Have a look what the booklet for
Yxy(63.4377, 0.2844, 0.3841)
contains.

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Color

Yxy(63.6512, 0.2847, 0.3850)

Conversions

Conversions Part 1

Format	Color
Hex	8FE2B7
RGB	143, 226, 183
RGB Percent	56%, 89%, 72%
CMY	0.4393, 0.1137, 0.2823
CMYK	0.37, 0.00, 0.19, 0.11
HSL	149°, 59%, 72%
HSV	149°, 37%, 89%
XYZ	47.0688, 63.6512, 54.6078
YIQ	196.2810, -35.6650, -30.9690

Conversions

Conversions Part 2

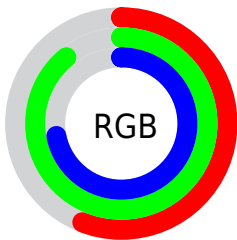
Format	Color
RYB	143, 199, 226
Decimal	9429687
CIELab	83.78, -34.52, 13.14
CIELCh	84, 36.938, 159.163
Yxy	63.6512, 0.2847, 0.3850
Android (android.graphics.Color)	4287619767 (0xFF8FE2B7)
YUV	196.2810, -6.5475, -46.7274
Hunter-Lab	79.7817, -34.3083, 15.2653

Details

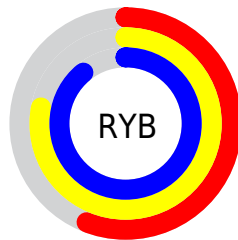
The Yxy color **63.6512, 0.2847, 0.3850** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **39.3531, 0.3554, 0.2795**, and the grayscale version is **55.4343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8941, 0.2882, 0.3459**, and **32.4850, 0.2773, 0.4000** is the 20% darker color. If you saturate the color by 10%, you get **61.3688, 0.2787, 0.4036**, and if you desaturate by 10%, it is **66.3856, 0.2917, 0.3677**.

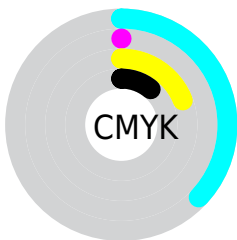
Distribution



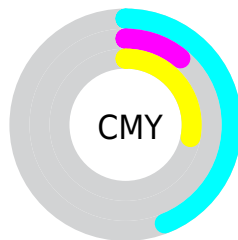
- Red (56%)
- Green (89%)
- Blue (72%)



- Red (56%)
- Yellow (78%)
- Blue (89%)



- Cyan (37%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)





- Cyan (44%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6512, 0.2847, 0.3850 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 63.6512, 0.2847, 0.3850 by changing the saturation by 10% instead.


 63.6512, 0.2847,
0.3850


 63.6512, 0.2847,
0.3850


437.9290, 0.2985,
0.3574

 46.3682, 0.2813,
0.3918

 110.1085, 0.2897,
0.3751

 32.5365, 0.2771,
0.4004


 140.0515, 0.2915,
0.3713

 21.7716, 0.2714,
0.4117


174.9834, 0.2931,
0.3681

 13.6892, 0.2638,
0.4272

215.2885, 0.2945,
0.3654

 7.9048, 0.2526,
0.4498

261.3512, 0.2957,
0.3630

 4.0341, 0.2351,
0.4855

313.5559, 0.2967,

 1.6927, 0.1997,

0.3609

372.2871, 0.2977,
0.3590

0.5562

0.4189, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

63.6512, 0.2847,
0.3850

63.6512, 0.2847,
0.3850

61.3688, 0.2787,
0.4036

66.3856, 0.2917,
0.3677

59.5051, 0.2741,
0.4234

69.5877, 0.2993,
0.3519

58.0345, 0.2710,
0.4437

73.2818, 0.3072,
0.3377

56.9252, 0.2699,
0.4642

77.4884, 0.3154,
0.3250

■ 56.1399, 0.2708,
0.4842

■ 82.0395, 0.3228,
0.3138

■ 55.6316, 0.2736,
0.5030

■ 82.7638, 0.3152,
0.3026

■ 55.5000, 0.2747,
0.5090

■ 82.8768, 0.3140,
0.3009

Harmonies

Analogous

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



63.6512, 0.3303, 0.4107



63.6512, 0.2847, 0.3850



63.6512, 0.2484, 0.3409

Triad

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



63.6512, 0.2847, 0.3850



63.6512, 0.2520, 0.2546



63.6512, 0.4037, 0.3501

Complementary

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



63.6512, 0.2847, 0.3850



39.3531, 0.3554, 0.2795

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.



63.6512, 0.3798, 0.3131



63.6512, 0.2847, 0.3850



63.6512, 0.2899, 0.2603

Square

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



63.6512, 0.2847, 0.3850



63.6512, 0.2309, 0.2666



63.6512, 0.3369, 0.2812



63.6512, 0.4007, 0.3852

Rectangle

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



63.6512, 0.2847, 0.3850



63.6512, 0.2336, 0.3106



63.6512, 0.3369, 0.2812



63.6512, 0.3986, 0.3376

Sweetspot

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



63.6538, 0.2847, 0.3850



94.1622, 0.3038, 0.3437



66.9771, 0.3383, 0.4298



20.0128, 0.3027, 0.3456



0.0000, 0.0000, 0.0000



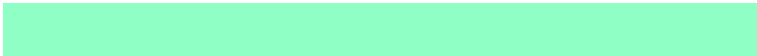
21.4041, 0.3127, 0.3290

Same Dimension

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



63.6538, 0.2847, 0.3850



81.3680, 0.2801, 0.3990



65.5753, 0.2628, 0.3323



15.4468, 0.3051, 0.3414



31.6842, 0.2739, 0.5061



2.2142, 0.2659, 0.4772

Inverse Universe

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



39.3531, 0.3554, 0.2795



45.0577, 0.3680, 0.2694



37.8762, 0.3990, 0.3260



13.8185, 0.3211, 0.3169



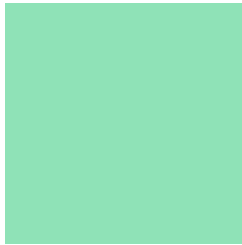
9.9818, 0.4876, 0.2460



0.7100, 0.4550, 0.2280

Previews

White Background



This preview shows how the Yxy color 63.6512, 0.2847, 0.3850 looks on a white background.

Color Contrast Check

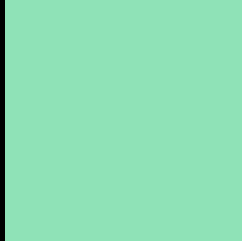
Large Text (above 18pt) WCAG AA × Fail

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 63.6512, 0.2847, 0.3850 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 63.6512, 0.2847, 0.3850

Background



This preview shows how black text looks on a background with the Yxy color 63.6512, 0.2847, 0.3850.

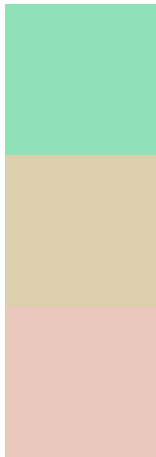


This preview shows how white text looks on a background with the Yxy color 63.6512, 0.2847, 0.3850.

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

63.6512, 0.2847, 0.3850

Protanopia

62.7417, 0.3461, 0.3670

Deuteranopia

62.6016, 0.3499, 0.3423



Tritanopia

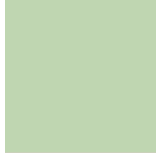
63.6877, 0.2615, 0.3084

Trichromacy



Original Color

63.6512, 0.2847, 0.3850



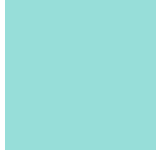
Protanomaly

62.3438, 0.3209, 0.3742



Deuteranomaly

61.7027, 0.3236, 0.3564



Tritanomaly

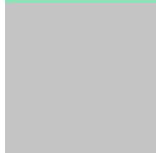
63.8316, 0.2699, 0.3351

Monochromacy



Original Color

63.6512, 0.2847, 0.3850



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

57.7343, 0.3014, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6512, 0.2847, 0.3850 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, 226, 183)` looks like.

```
.text, #text, p{  
    color:rgb(143, 226, 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(143, 226, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 226, 183) }
```

Border

The CSS property to change the border of an element to Yxy 63.6512, 0.2847, 0.3850 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, 226, 183) }
```

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

```
.border{ border-color:rgb(143, 226, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 226, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 226, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 226, 183);  
box-shadow:4px 4px 4px 4px rgb(143, 226,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6512, 0.2847, 0.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 226, 183) }
```

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

```
.background{ background-color: rgb(143,  
226, 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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