

Converting Colors

$Yxy(52.6457, 0.2898, 0.3838)$

Have a look what the booklet for
Yxy(52.6457, 0.2898, 0.3838)
contains.

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Color

Yxy(52.8189, 0.2898, 0.3848)

Conversions

Conversions Part 1

Format	Color
Hex	8ACFA7
RGB	138, 207, 167
RGB Percent	54%, 81%, 65%
CMY	0.4585, 0.1883, 0.3450
CMYK	0.33, 0.00, 0.19, 0.19
HSL	145°, 42%, 68%
HSV	145°, 33%, 81%
XYZ	39.7789, 52.8189, 44.6655
YIQ	181.8090, -28.2840, -27.0680

Conversions

Conversions Part 2

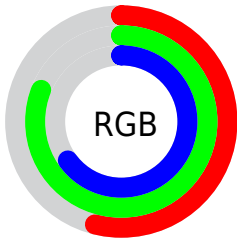
Format	Color
RYB	138, 187, 207
Decimal	9097127
CIELab	77.77, -30.17, 13.06
CIELCh	78, 32.876, 156.587
Yxy	52.8189, 0.2898, 0.3848
Android (android.graphics.Color)	4287287207 (0xFF8ACFA7)
YUV	181.8090, -7.3008, -38.4205
Hunter-Lab	72.6766, -29.4837, 14.4353

Details

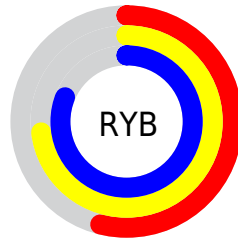
The Yxy color **52.8189, 0.2898, 0.3848** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.6778, 0.3454, 0.2794**, and the grayscale version is **46.7313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1314, 0.2938, 0.3650**, and **25.6256, 0.2827, 0.4010** is the 20% darker color. If you saturate the color by 10%, you get **50.7958, 0.2841, 0.4052**, and if you desaturate by 10%, it is **55.2241, 0.2963, 0.3660**.

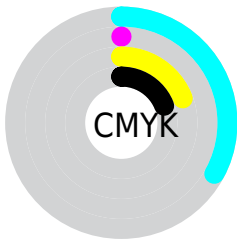
Distribution



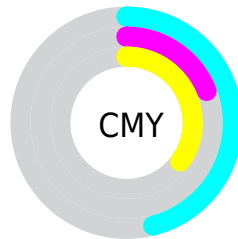
- Red (54%)
- Green (81%)
- Blue (65%)



- Red (54%)
- Yellow (73%)
- Blue (81%)



- Cyan (33%)
- Magenta (0%)
- Yellow (19%)
- Black (19%)





- Cyan (46%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8189, 0.2898, 0.3848 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 52.8189, 0.2898, 0.3848 by changing the saturation by 10% instead.


 52.8189, 0.2898,
0.3848

 52.8189, 0.2898,
0.3848

397.5899, 0.3015,
0.3564

 37.6582, 0.2868,
0.3920

 94.3378, 0.2941,
0.3744

 25.7175, 0.2829,
0.4014


 121.4649, 0.2957,
0.3705

 16.6124, 0.2776,
0.4140


 153.3495, 0.2971,
0.3672

 9.9586, 0.2701,
0.4318

190.3760, 0.2982,
0.3644

 5.3715, 0.2586,
0.4589

232.9290, 0.2992,
0.3620

 2.4668, 0.2389,
0.5047

281.3927, 0.3001,

 0.8600, 0.0839,

0.3599

0.8922

336.1515, 0.3008,
0.3581

0.0000, 0.0000,
0.0000

52.8189, 0.2898,
0.3848

52.8189, 0.2898,
0.3848

50.7958, 0.2841,
0.4052

55.2241, 0.2963,
0.3660

49.1279, 0.2795,
0.4269

58.0236, 0.3032,
0.3489

47.7952, 0.2764,
0.4495


61.2371, 0.3103,
0.3337


46.7728, 0.2749,
0.4722


64.8808, 0.3175,
0.3201


46.0323, 0.2754,
0.4944


68.9703, 0.3246,
0.3082

 45.5393, 0.2777,
0.5151

 72.1160, 0.3261,
0.2971

 45.3081, 0.2800,
0.5280

 72.8495, 0.3176,
0.2858

 73.1010, 0.3149,
0.2821

Harmonies

Analogous

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



52.8189, 0.3333, 0.4071



52.8189, 0.2898, 0.3848



52.8189, 0.2541, 0.3442

Triad

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



52.8189, 0.2898, 0.3848



52.8189, 0.2526, 0.2585



52.8189, 0.3979, 0.3462

Complementary

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



52.8189, 0.2898, 0.3848



34.6778, 0.3454, 0.2794

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.



52.8189, 0.3733, 0.3111



52.8189, 0.2898, 0.3848



52.8189, 0.2876, 0.2625

Square

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



52.8189, 0.2898, 0.3848



52.8189, 0.2340, 0.2717



52.8189, 0.3319, 0.2814



52.8189, 0.3973, 0.3800

Rectangle

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



52.8189, 0.2898, 0.3848



52.8189, 0.2389, 0.3153



52.8189, 0.3319, 0.2814



52.8189, 0.3923, 0.3343

Sweetspot

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



52.8211, 0.2898, 0.3848



94.5641, 0.3054, 0.3439



55.9555, 0.3388, 0.4183



20.0890, 0.3044, 0.3461



0.0000, 0.0000, 0.0000



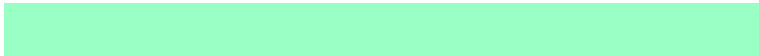
21.4041, 0.3127, 0.3290

Same Dimension

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



52.8211, 0.2898, 0.3848



82.2705, 0.2856, 0.3993



54.2591, 0.2690, 0.3365



13.2875, 0.3059, 0.3428



28.5671, 0.2793, 0.5254



1.6130, 0.2690, 0.4885

Inverse Universe

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



34.6778, 0.3454, 0.2794



48.8040, 0.3551, 0.2685



33.4696, 0.3832, 0.3219



11.9216, 0.3201, 0.3156



9.2324, 0.4611, 0.2314



0.5319, 0.4285, 0.2134

Previews

White Background



This preview shows how the Yxy color 52.8189, 0.2898, 0.3848 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 52.8189, 0.2898, 0.3848 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 52.8189, 0.2898, 0.3848

Background



This preview shows how black text looks on a background with the Yxy color 52.8189, 0.2898, 0.3848.

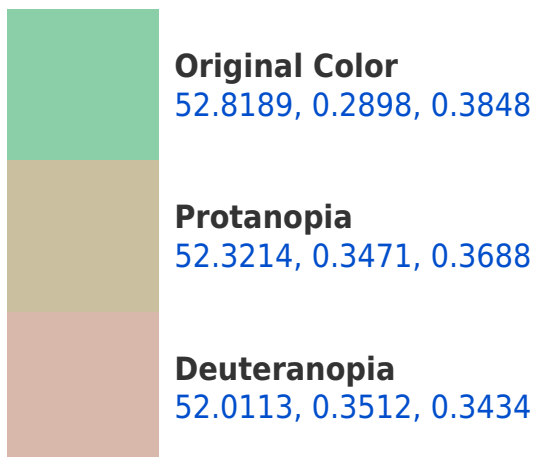


This preview shows how white text looks on a background with the Yxy color 52.8189, 0.2898, 0.3848.

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

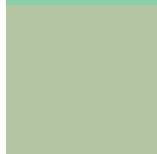
52.5623, 0.2654, 0.3082

Trichromacy



Original Color

52.8189, 0.2898, 0.3848



Protanomaly

52.1248, 0.3241, 0.3748



Deuteranomaly

51.2929, 0.3262, 0.3572



Tritanomaly

52.7184, 0.2740, 0.3356

Monochromacy



Original Color

52.8189, 0.2898, 0.3848



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

48.5429, 0.3030, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8189, 0.2898, 0.3848 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(138, 207, 167)` looks like.

```
.text, #text, p{  
    color:rgb(138, 207, 167)  
}
```

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(138, 207, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 207, 167) }
```

Border

The CSS property to change the border of an element to Yxy 52.8189, 0.2898, 0.3848 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(138, 207, 167) }
```

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

```
.border{ border-color:rgb(138, 207, 167) }
```

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

Here you see how a box with a 4 pixel rgb(138, 207, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 207, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 207, 167);  
box-shadow:4px 4px 4px 4px rgb(138, 207,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8189, 0.2898, 0.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 207, 167) }
```

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

```
.background{ background-color: rgb(138,  
207, 167) }
```

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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