

Converting Colors

$Yxy(50.3909, 0.2887, 0.3756)$

Have a look what the booklet for
Yxy(50.3909, 0.2887, 0.3756)
contains.

Yxy(50.5089, 0.2882, 0.3755)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.5089, 0.2882, 0.3755)

Conversions

Conversions Part 1

Format	Color
Hex	8ACAA9
RGB	138, 202, 169
RGB Percent	54%, 79%, 66%
CMY	0.4587, 0.2078, 0.3373
CMYK	0.32, 0.00, 0.16, 0.21
HSL	149°, 38%, 67%
HSV	149°, 32%, 79%
XYZ	38.7661, 50.5089, 45.2361
YIQ	179.1020, -27.5510, -23.8310

Conversions

Conversions Part 2

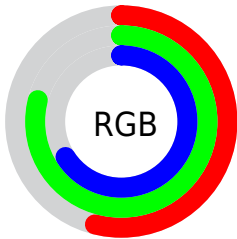
Format	Color
RYB	138, 181, 202
Decimal	9095849
CIELab	76.38, -27.39, 10.04
CIELCh	76, 29.173, 159.867
Yxy	50.5089, 0.2882, 0.3755
Android (android.graphics.Color)	4287285929 (0xFF8ACAA9)
YUV	179.1020, -4.9803, -36.0465
Hunter-Lab	71.0696, -27.0061, 12.0104

Details

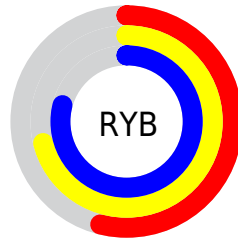
The Yxy color **50.5089, 0.2882, 0.3755** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.6848, 0.3476, 0.2869**, and the grayscale version is **45.1786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2393, 0.2927, 0.3628**, and **24.3955, 0.2805, 0.3900** is the 20% darker color. If you saturate the color by 10%, you get **48.5687, 0.2817, 0.3933**, and if you desaturate by 10%, it is **52.8049, 0.2955, 0.3592**.

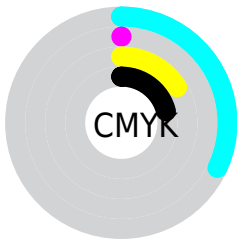
Distribution



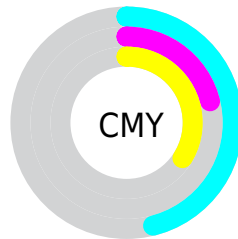
- Red (54%)
- Green (79%)
- Blue (66%)



- Red (54%)
- Yellow (71%)
- Blue (79%)



- Cyan (32%)
- Magenta (0%)
- Yellow (16%)
- Black (21%)




- Cyan (46%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5089, 0.2882, 0.3755 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 50.5089, 0.2882, 0.3755 by changing the saturation by 10% instead.


 50.5089, 0.2882,
0.3755

 50.5089, 0.2882,
0.3755


388.6527, 0.3006,
0.3518

 35.8179, 0.2850,
0.3816


 90.9284, 0.2928,
0.3668

 24.2936, 0.2809,
0.3894


 117.4258, 0.2945,
0.3636

 15.5516, 0.2754,
0.4000


 148.6274, 0.2959,
0.3608

 9.2074, 0.2676,
0.4151

184.9176, 0.2971,
0.3585

 4.8767, 0.2558,
0.4381

226.6808, 0.2982,
0.3565

 2.1751, 0.2357,
0.4775

274.3015, 0.2991,

 0.7064, 0.0035,

0.3547

0.9101

328.1640, 0.2999,
0.3532

0.0000, 0.0000,
0.0000

50.5089, 0.2882,
0.3755

50.5089, 0.2882,
0.3755

48.5687, 0.2817,
0.3933

52.8049, 0.2955,
0.3592

46.9596, 0.2763,
0.4122

55.4676, 0.3033,
0.3444

45.6634, 0.2724,
0.4321


58.5150, 0.3114,
0.3311


44.6574, 0.2702,
0.4524


61.9623, 0.3195,
0.3193

43.9159, 0.2699,
0.4725


65.8235, 0.3275,
0.3088

 43.4082, 0.2716,
0.4919

 69.3005, 0.3320,
0.2994

 43.1180, 0.2742,
0.5071

 69.9091, 0.3244,
0.2893

 70.5533, 0.3170,
0.2796

 70.7207, 0.3151,
0.2772

Harmonies

Analogous

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



50.5089, 0.3273, 0.3978



50.5089, 0.2882, 0.3755



50.5089, 0.2570, 0.3386

Triad

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



50.5089, 0.2882, 0.3755



50.5089, 0.2612, 0.2647



50.5089, 0.3904, 0.3486

Complementary

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



50.5089, 0.2882, 0.3755



33.6848, 0.3476, 0.2869

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.



50.5089, 0.3706, 0.3164



50.5089, 0.2882, 0.3755



50.5089, 0.2943, 0.2698

Square

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



50.5089, 0.2882, 0.3755



50.5089, 0.2423, 0.2752



50.5089, 0.3346, 0.2883



50.5089, 0.3876, 0.3784

Rectangle

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



50.5089, 0.2882, 0.3755



50.5089, 0.2443, 0.3130



50.5089, 0.3346, 0.2883



50.5089, 0.3862, 0.3378

Sweetspot

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



50.5110, 0.2882, 0.3755



94.6616, 0.3045, 0.3422



52.7438, 0.3341, 0.4144



20.1126, 0.3034, 0.3442



0.0000, 0.0000, 0.0000



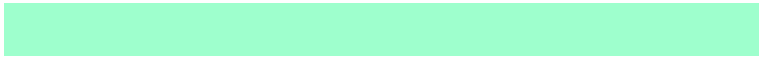
21.4041, 0.3127, 0.3290

Same Dimension

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



50.5110, 0.2882, 0.3755



83.2068, 0.2836, 0.3875



51.8607, 0.2684, 0.3303



12.6259, 0.3051, 0.3412



27.7640, 0.2735, 0.5047



1.4476, 0.2633, 0.4680

Inverse Universe

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



33.6848, 0.3476, 0.2869



50.3071, 0.3580, 0.2776



32.6098, 0.3832, 0.3278



11.3087, 0.3211, 0.3171



8.7444, 0.4875, 0.2459



0.4664, 0.4463, 0.2232

Previews

White Background



This preview shows how the Yxy color 50.5089, 0.2882, 0.3755 looks on a white background.

Color Contrast Check

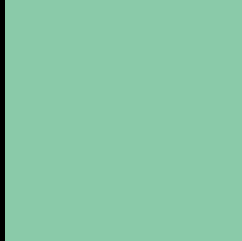
Large Text (above 18pt) WCAG AA × Fail

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 50.5089, 0.2882, 0.3755 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 50.5089, 0.2882, 0.3755

Background



This preview shows how black text looks on a background with the Yxy color 50.5089, 0.2882, 0.3755.

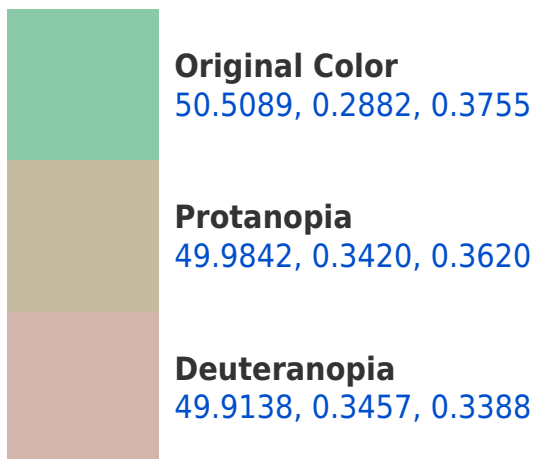


This preview shows how white text looks on a background with the Yxy color 50.5089, 0.2882, 0.3755.

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

50.4364, 0.2665, 0.3079

Trichromacy



Original Color

50.5089, 0.2882, 0.3755

Protanomaly

49.6097, 0.3208, 0.3662

Deuteranomaly

49.5641, 0.3217, 0.3511

Tritanomaly

50.3030, 0.2746, 0.3316

Monochromacy



Original Color

50.5089, 0.2882, 0.3755

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

46.5283, 0.3030, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5089, 0.2882, 0.3755 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, 202, 169)` looks like.

```
.text, #text, p{  
    color:rgb(138, 202, 169)  
}
```

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, 202, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 202, 169) }
```

Border

The CSS property to change the border of an element to Yxy 50.5089, 0.2882, 0.3755 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, 202, 169) }
```

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

```
.border{ border-color:rgb(138, 202, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 202, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 202, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 202, 169);  
box-shadow:4px 4px 4px 4px rgb(138, 202,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5089, 0.2882, 0.3755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 202, 169) }
```

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

```
.background{ background-color: rgb(138,  
202, 169) }
```

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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