

Converting Colors

$Yxy(52.3569, 0.2909, 0.3840)$

Have a look what the booklet for
Yxy(52.3569, 0.2909, 0.3840)
contains.

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Color

Yxy(52.3848, 0.2910, 0.3849)

Conversions

Conversions Part 1

Format	Color
Hex	8BCEA6
RGB	139, 206, 166
RGB Percent	55%, 81%, 65%
CMY	0.4548, 0.1922, 0.3489
CMYK	0.33, 0.00, 0.19, 0.19
HSL	144°, 41%, 68%
HSV	144°, 33%, 81%
XYZ	39.6050, 52.3848, 44.1099
YIQ	181.4070, -27.0920, -26.6440

Conversions

Conversions Part 2

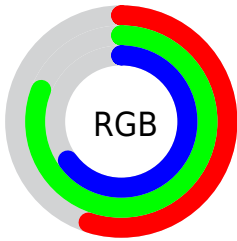
Format	Color
RYB	139, 187, 206
Decimal	9162406
CIELab	77.51, -29.60, 13.24
CIElCh	78, 32.430, 155.907
Yxy	52.3848, 0.2910, 0.3849
Android (android.graphics.Color)	4287352486 (0xFF8BCEA6)
YUV	181.4070, -7.5957, -37.1909
Hunter-Lab	72.3773, -28.9848, 14.5302

Details

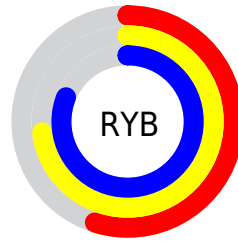
The Yxy color **52.3848, 0.2910, 0.3849** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.8463, 0.3432, 0.2793**, and the grayscale version is **46.4967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2098, 0.2949, 0.3661**, and **25.3266, 0.2842, 0.4012** is the 20% darker color. If you saturate the color by 10%, you get **50.3474, 0.2854, 0.4058**, and if you desaturate by 10%, it is **54.8038, 0.2973, 0.3657**.

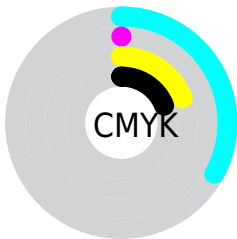
Distribution



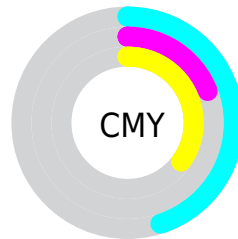
- Red (55%)
- Green (81%)
- Blue (65%)



- Red (55%)
- Yellow (73%)
- Blue (81%)



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





- Cyan (45%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3848, 0.2910, 0.3849 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 52.3848, 0.2910, 0.3849 by changing the saturation by 10% instead.


 52.3848, 0.2910,
0.3849


 52.3848, 0.2910,
0.3849


395.9204, 0.3022,
0.3564


 37.3119, 0.2881,
0.3922


 93.6985, 0.2951,
0.3744

 25.4491, 0.2844,
0.4016

 120.7081, 0.2966,
0.3706

 16.4119, 0.2793,
0.4143


 152.4653, 0.2979,
0.3673

 9.8161, 0.2721,
0.4322


189.3546, 0.2990,
0.3645

 5.2772, 0.2609,
0.4596

231.7604, 0.3000,
0.3621

 2.4108, 0.2417,
0.5060

280.0670, 0.3008,

 0.8314, 0.0751,

0.3599

0.9249

334.6588, 0.3015,
0.3581

■ 0.0000, 0.0000,
0.0000

■ 52.3848, 0.2910,
0.3849

■ 52.3848, 0.2910,
0.3849

■ 50.3474, 0.2854,
0.4058

■ 54.8038, 0.2973,
0.3657

■ 48.6651, 0.2809,
0.4281

■ 57.6164, 0.3040,
0.3482

■ 47.3180, 0.2777,
0.4513


■ 60.8420, 0.3110,
0.3326

■ 46.2819, 0.2762,
0.4746

■ 64.4969, 0.3179,
0.3188

■ 45.5286, 0.2766,
0.4973

■ 68.5962, 0.3247,
0.3067

 45.0248, 0.2789,
0.5185

 71.6814, 0.3256,
0.2954

 44.7679, 0.2814,
0.5330

 72.4363, 0.3170,
0.2838

 72.6226, 0.3150,
0.2811

Harmonies

Analogous

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



52.3848, 0.3341, 0.4064



52.3848, 0.2910, 0.3849



52.3848, 0.2554, 0.3451

Triad

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



52.3848, 0.2910, 0.3849



52.3848, 0.2527, 0.2593



52.3848, 0.3967, 0.3453

Complementary

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



52.3848, 0.2910, 0.3849



34.8463, 0.3432, 0.2793

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.



52.3848, 0.3719, 0.3106



52.3848, 0.2910, 0.3849



52.3848, 0.2869, 0.2629

Square

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



52.3848, 0.2910, 0.3849



52.3848, 0.2346, 0.2728



52.3848, 0.3307, 0.2813



52.3848, 0.3967, 0.3788

Rectangle

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



52.3848, 0.2910, 0.3849



52.3848, 0.2400, 0.3164



52.3848, 0.3307, 0.2813



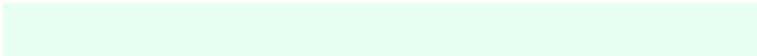
52.3848, 0.3909, 0.3335

Sweetspot

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



52.3870, 0.2910, 0.3849



94.5386, 0.3057, 0.3443



55.6155, 0.3392, 0.4158



20.0829, 0.3047, 0.3466



0.0000, 0.0000, 0.0000



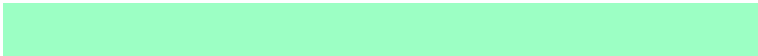
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3870, 0.2910, 0.3849



82.5125, 0.2870, 0.3993



53.7705, 0.2706, 0.3378



12.6107, 0.3062, 0.3432



27.5848, 0.2806, 0.5303



1.4380, 0.2696, 0.4904

Inverse Universe

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



34.8463, 0.3432, 0.2793



49.7876, 0.3521, 0.2684



33.6583, 0.3796, 0.3206



11.3242, 0.3198, 0.3153



8.9794, 0.4540, 0.2275



0.4780, 0.4212, 0.2094

Previews

White Background



This preview shows how the Yxy color 52.3848, 0.2910, 0.3849 looks on a white background.

Color Contrast Check

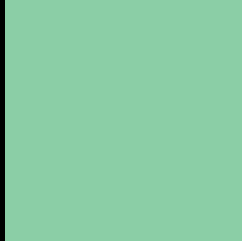
Large Text (above 18pt) WCAG AA × Fail

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 52.3848, 0.2910, 0.3849 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 52.3848, 0.2910, 0.3849

Background



This preview shows how black text looks on a background with the Yxy color 52.3848, 0.2910, 0.3849.

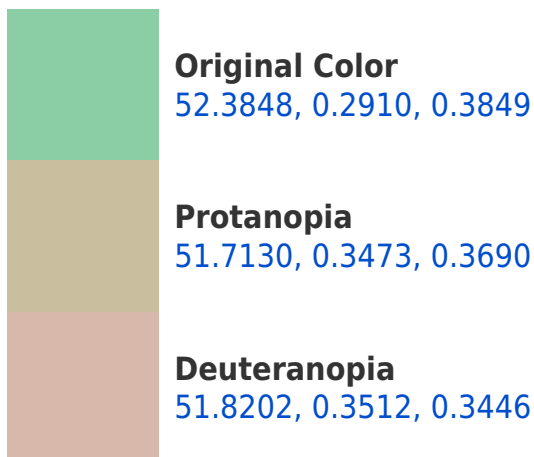


This preview shows how white text looks on a background with the Yxy color 52.3848, 0.2910, 0.3849.

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

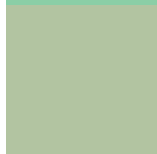
52.1427, 0.2664, 0.3082

Trichromacy



Original Color

52.3848, 0.2910, 0.3849



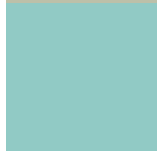
Protanomaly

51.5180, 0.3242, 0.3750



Deuteranomaly

51.2552, 0.3270, 0.3585



Tritanomaly

52.2920, 0.2752, 0.3356

Monochromacy



Original Color

52.3848, 0.2910, 0.3849



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

48.0685, 0.3038, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3848, 0.2910, 0.3849 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(139, 206, 166)` looks like.

```
.text, #text, p{  
    color:rgb(139, 206, 166)  
}
```

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(139, 206, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 206, 166) }
```

Border

The CSS property to change the border of an element to Yxy 52.3848, 0.2910, 0.3849 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(139, 206, 166) }
```

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

```
.border{ border-color:rgb(139, 206, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 206, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 206, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 206, 166); box-shadow:4px 4px 4px 4px rgb(139, 206, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3848, 0.2910, 0.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 206, 166) }
```

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

```
.background{ background-color: rgb(139,  
206, 166) }
```

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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