

Converting Colors

$Yxy(52.5162, 0.2921, 0.3880)$

Have a look what the booklet for
Yxy(52.5162, 0.2921, 0.3880)
contains.

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Color

Yxy(52.3119, 0.2923, 0.3879)

Conversions

Conversions Part 1

Format	Color
Hex	8BCEA4
RGB	139, 206, 164
RGB Percent	55%, 81%, 64%
CMY	0.4548, 0.1921, 0.3570
CMYK	0.33, 0.00, 0.20, 0.19
HSL	142°, 41%, 68%
HSV	142°, 33%, 81%
XYZ	39.4194, 52.3119, 43.1280
YIQ	181.1790, -26.4500, -27.2660

Conversions

Conversions Part 2

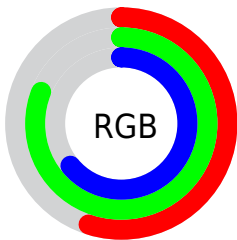
Format	Color
RYB	139, 188, 206
Decimal	9162404
CIELab	77.47, -30.00, 14.27
CIElCh	77, 33.223, 154.563
Yxy	52.3119, 0.2923, 0.3879
Android (android.graphics.Color)	4287352484 (0xFF8BCEA4)
YUV	181.1790, -8.4692, -36.9910
Hunter-Lab	72.3270, -29.2868, 15.2747

Details

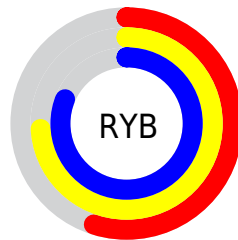
The Yxy color **52.3119, 0.2923, 0.3879** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.9304, 0.3411, 0.2768**, and the grayscale version is **46.3694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1038, 0.2960, 0.3683**, and **25.2815, 0.2858, 0.4053** is the 20% darker color. If you saturate the color by 10%, you get **50.2610, 0.2870, 0.4100**, and if you desaturate by 10%, it is **54.7488, 0.2982, 0.3676**.

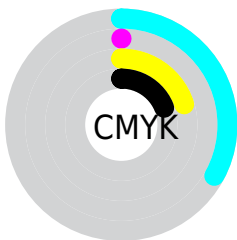
Distribution



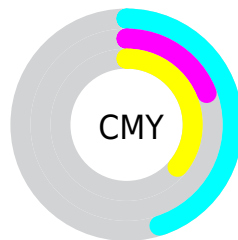
- Red (55%)
- Green (81%)
- Blue (64%)



- Red (55%)
- Yellow (74%)
- Blue (81%)



- Cyan (33%)
- Magenta (0%)
- Yellow (20%)
- Black (19%)





- Cyan (45%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3119, 0.2923, 0.3879 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 52.3119, 0.2923, 0.3879 by changing the saturation by 10% instead.


 52.3119, 0.2923,
0.3879


 52.3119, 0.2923,
0.3879


395.6395, 0.3029,
0.3579


 37.2537, 0.2895,
0.3956


 93.5911, 0.2962,
0.3768

 25.4040, 0.2859,
0.4055


 120.5809, 0.2977,
0.3727

 16.3783, 0.2810,
0.4190


 152.3167, 0.2989,
0.3693

 9.7923, 0.2740,
0.4380

189.1829, 0.2999,
0.3663

 5.2614, 0.2630,
0.4671

231.5639, 0.3008,
0.3638

 2.4015, 0.2438,
0.5164

279.8440, 0.3016,

 0.8266, 0.0606,

0.3616

0.9394

334.4078, 0.3023,
0.3596

0.0000, 0.0000,
0.0000

52.3119, 0.2923,
0.3879

52.3119, 0.2923,
0.3879

50.2610, 0.2870,
0.4100

54.7488, 0.2982,
0.3676

48.5693, 0.2828,
0.4335

57.5837, 0.3046,
0.3492

47.2168, 0.2799,
0.4578


60.8364, 0.3111,
0.3328

46.1788, 0.2786,
0.4822

64.5232, 0.3176,
0.3183

45.4271, 0.2791,
0.5057

68.6596, 0.3239,
0.3056

 44.9281, 0.2814,
0.5273

 71.7867, 0.3244,
0.2938

 44.6766, 0.2839,
0.5419

 72.5891, 0.3153,
0.2816

 72.6243, 0.3150,
0.2811

Harmonies

Analogous

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



52.3119, 0.3365, 0.4088



52.3119, 0.2923, 0.3879



52.3119, 0.2553, 0.3475

Triad

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



52.3119, 0.2923, 0.3879



52.3119, 0.2500, 0.2579



52.3119, 0.3982, 0.3440

Complementary

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



52.3119, 0.2923, 0.3879



34.9304, 0.3411, 0.2768

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.



52.3119, 0.3717, 0.3086



52.3119, 0.2923, 0.3879



52.3119, 0.2844, 0.2609

Square

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



52.3119, 0.2923, 0.3879



52.3119, 0.2324, 0.2725



52.3119, 0.3290, 0.2791



52.3119, 0.3994, 0.3785

Rectangle

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



52.3119, 0.2923, 0.3879



52.3119, 0.2391, 0.3179



52.3119, 0.3290, 0.2791



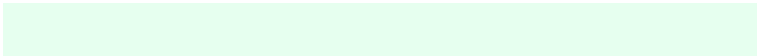
52.3119, 0.3919, 0.3319

Sweetspot

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



52.3141, 0.2923, 0.3879



94.4924, 0.3061, 0.3451



55.8861, 0.3410, 0.4153



20.0717, 0.3052, 0.3476



0.0000, 0.0000, 0.0000



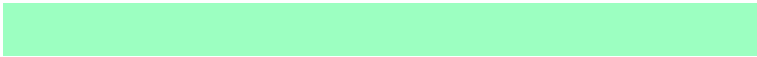
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3141, 0.2923, 0.3879



82.3756, 0.2885, 0.4031



53.6692, 0.2719, 0.3409



12.6049, 0.3066, 0.3439



27.5267, 0.2831, 0.5392



1.4347, 0.2719, 0.4987

Inverse Universe

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



34.9304, 0.3411, 0.2768



49.9455, 0.3493, 0.2655



33.7288, 0.3771, 0.3177



11.3301, 0.3194, 0.3146



9.0794, 0.4417, 0.2207



0.4828, 0.4121, 0.2044

Previews

White Background



This preview shows how the Yxy color 52.3119, 0.2923, 0.3879 looks on a white background.

Color Contrast Check

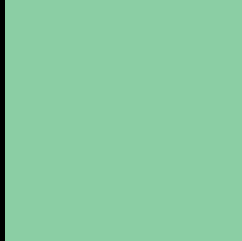
Large Text (above 18pt) WCAG AA × Fail

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 52.3119, 0.2923, 0.3879 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 52.3119, 0.2923, 0.3879

Background



This preview shows how black text looks on a background with the Yxy color 52.3119, 0.2923, 0.3879.



This preview shows how white text looks on a background with the Yxy color 52.3119, 0.2923, 0.3879.

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

52.3119, 0.2923, 0.3879

Protanopia

51.7838, 0.3498, 0.3714

Deuteranopia

51.8973, 0.3538, 0.3470



Tritanopia

52.1427, 0.2664, 0.3082

Trichromacy



Original Color

52.3119, 0.2923, 0.3879

Protanomaly

51.5668, 0.3265, 0.3776

Deuteranomaly

51.3081, 0.3294, 0.3610

Tritanomaly

52.2463, 0.2758, 0.3369

Monochromacy



Original Color

52.3119, 0.2923, 0.3879

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

48.0290, 0.3045, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3119, 0.2923, 0.3879 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(139, 206, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 206, 164) }
```

Border

The CSS property to change the border of an element to Yxy 52.3119, 0.2923, 0.3879 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, 164) }
```

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

```
.border{ border-color:rgb(139, 206, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 206, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 206, 164);  
box-shadow:4px 4px 4px 4px rgb(139, 206,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3119, 0.2923, 0.3879 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, 164) }
```

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

```
.background{ background-color: rgb(139,  
206, 164) }
```

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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