

Converting Colors

$Yxy(52.8182, 0.3135, 0.3872)$

Have a look what the booklet for
Yxy(52.8182, 0.3135, 0.3872)
contains.

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Color

Yxy(52.6368, 0.3138, 0.3869)

Conversions

Conversions Part 1

Format	Color
Hex	A4CA9F
RGB	164, 202, 159
RGB Percent	64%, 79%, 62%
CMY	0.3568, 0.2078, 0.3764
CMYK	0.19, 0.00, 0.21, 0.21
HSL	113°, 29%, 71%
HSV	113°, 21%, 79%
XYZ	42.6917, 52.6368, 40.7190
YIQ	185.7360, -8.8450, -21.4290

Conversions

Conversions Part 2

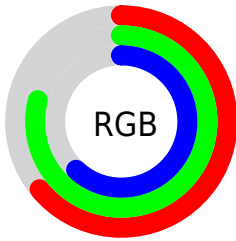
Format	Color
RYB	159, 202, 197
Decimal	10799775
CIELab	77.66, -20.79, 17.39
CIELCh	78, 27.104, 140.089
Yxy	52.6368, 0.3138, 0.3869
Android (android.graphics.Color)	4288989855 (0xFFA4CA9F)
YUV	185.7360, -13.1808, -19.0625
Hunter-Lab	72.5512, -21.9289, 17.5096

Details

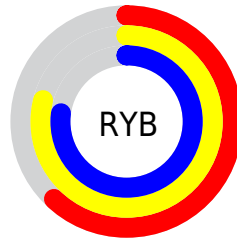
The Yxy color **52.6368, 0.3138, 0.3869** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.9385, 0.3106, 0.2759**, and the grayscale version is **49.0294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4351, 0.3138, 0.3721**, and **25.6861, 0.3141, 0.4050** is the 20% darker color. If you saturate the color by 10%, you get **50.2257, 0.3139, 0.4187**, and if you desaturate by 10%, it is **55.4336, 0.3134, 0.3579**.

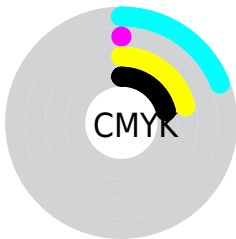
Distribution



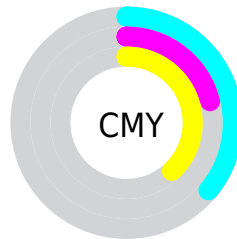
- Red (64%)
- Green (79%)
- Blue (62%)



- Red (62%)
- Yellow (79%)
- Blue (77%)



- Cyan (19%)
- Magenta (0%)
- Yellow (21%)
- Black (21%)




- Cyan (36%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6368, 0.3138, 0.3869 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 52.6368, 0.3138, 0.3869 by changing the saturation by 10% instead.

 52.6368, 0.3138,
0.3869


 52.6368, 0.3138,
0.3869


396.8901, 0.3138,
0.3576

 37.5129, 0.3136,
0.3943


 94.0697, 0.3139,
0.3762

 25.6049, 0.3133,
0.4039


 121.1475, 0.3139,
0.3722

 16.5283, 0.3127,
0.4168


152.9787, 0.3139,
0.3688

 9.8987, 0.3116,
0.4349

189.9478, 0.3139,
0.3659

 5.3319, 0.3091,
0.4621

232.4391, 0.3139,
0.3634

 2.4433, 0.3032,
0.5073

280.8369, 0.3138,

 0.8480, 0.2604,

0.3612

0.7396

335.5258, 0.3138,
0.3593

0.0000, 0.0000,
0.0000

52.6368, 0.3138,
0.3869

52.6368, 0.3138,
0.3869

50.2257, 0.3139,
0.4187

55.4336, 0.3134,
0.3579

48.1771, 0.3136,
0.4527

58.6250, 0.3128,
0.3321

46.4752, 0.3128,
0.4873

62.2279, 0.3121,
0.3094

45.1008, 0.3115,
0.5207

66.2563, 0.3113,
0.2896

44.0326, 0.3096,
0.5504

70.3960, 0.3139,
0.2770

■ 43.2467, 0.3073,
0.5740

■ 70.7211, 0.3151,
0.2772

■ 42.7158, 0.3047,
0.5898

■ 42.4289, 0.3027,
0.5978

Harmonies

Analogous

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



52.6368, 0.3493, 0.3942



52.6368, 0.3138, 0.3869



52.6368, 0.2793, 0.3608

Triad

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



52.6368, 0.3138, 0.3869



52.6368, 0.2521, 0.2746



52.6368, 0.3740, 0.3275

Complementary

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



52.6368, 0.3138, 0.3869



40.9385, 0.3106, 0.2759

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.



52.6368, 0.3451, 0.2996



52.6368, 0.3138, 0.3869



52.6368, 0.2746, 0.2698

Square

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



52.6368, 0.3138, 0.3869



52.6368, 0.2451, 0.2942



52.6368, 0.3082, 0.2790



52.6368, 0.3854, 0.3573

Rectangle

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



52.6368, 0.3138, 0.3869



52.6368, 0.2614, 0.3376



52.6368, 0.3082, 0.2790



52.6368, 0.3659, 0.3177

Sweetspot

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



52.6390, 0.3138, 0.3869



96.5784, 0.3131, 0.3441



54.9865, 0.3457, 0.3758



20.5953, 0.3132, 0.3458



0.0000, 0.0000, 0.0000



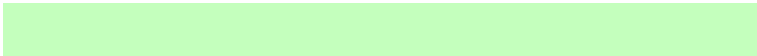
21.4041, 0.3127, 0.3290

Same Dimension

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



52.6390, 0.3138, 0.3869



86.9712, 0.3139, 0.4028



52.7287, 0.2987, 0.3645



12.5983, 0.3133, 0.3528



27.3227, 0.3032, 0.5975



1.4309, 0.3122, 0.5903

Inverse Universe

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



40.9385, 0.3106, 0.2759



63.3142, 0.3099, 0.2629



40.8847, 0.3299, 0.2960



11.3350, 0.3120, 0.3060



8.8999, 0.2920, 0.1382



0.4783, 0.2980, 0.1415

Previews

White Background



This preview shows how the Yxy color 52.6368, 0.3138, 0.3869 looks on a white background.

Color Contrast Check

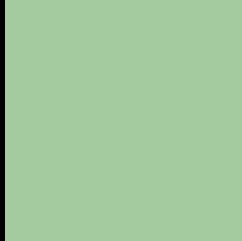
Large Text (above 18pt) WCAG AA × Fail

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 52.6368, 0.3138, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

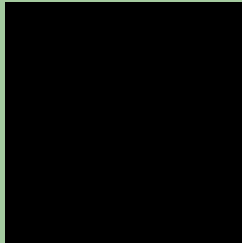
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6368, 0.3138, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 52.6368, 0.3138, 0.3869.



This preview shows how white text looks on a background with the Yxy color 52.6368, 0.3138, 0.3869.

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

52.6368, 0.3138, 0.3869

Protanopia

52.2912, 0.3520, 0.3750

Deuteranopia

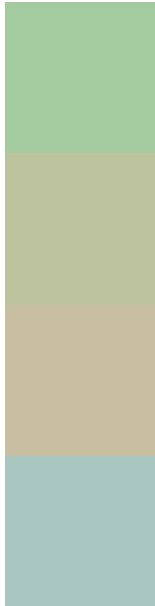
52.1410, 0.3616, 0.3539



Tritanopia

52.6176, 0.2847, 0.3089

Trichromacy



Original Color

52.6368, 0.3138, 0.3869

Protanomaly

52.2493, 0.3374, 0.3791

Deuteranomaly

52.1496, 0.3430, 0.3652

Tritanomaly

52.7400, 0.2955, 0.3367

Monochromacy



Original Color

52.6368, 0.3138, 0.3869

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.2988, 0.3134, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6368, 0.3138, 0.3869 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(164, 202, 159)` looks like.

```
.text, #text, p{  
    color:rgb(164, 202, 159)  
}
```

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(164, 202, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 202, 159) }
```

Border

The CSS property to change the border of an element to Yxy 52.6368, 0.3138, 0.3869 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(164, 202, 159) }
```

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

```
.border{ border-color:rgb(164, 202, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 202, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 202, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 202, 159);  
box-shadow:4px 4px 4px 4px rgb(164, 202,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6368, 0.3138, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 202, 159) }
```

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

```
.background{ background-color: rgb(164,  
202, 159) }
```

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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