

Converting Colors

$Yxy(52.5481, 0.3011, 0.3806)$

Have a look what the booklet for
Yxy(52.5481, 0.3011, 0.3806)
contains.

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Color

Yxy(52.7112, 0.3007, 0.3809)

Conversions

Conversions Part 1

Format	Color
Hex	99CCA6
RGB	153, 204, 166
RGB Percent	60%, 80%, 65%
CMY	0.4000, 0.2000, 0.3490
CMYK	0.25, 0.00, 0.19, 0.20
HSL	135°, 33%, 70%
HSV	135°, 25%, 80%
XYZ	41.6126, 52.7112, 44.0621
YIQ	184.4190, -18.1980, -22.6300

Conversions

Conversions Part 2

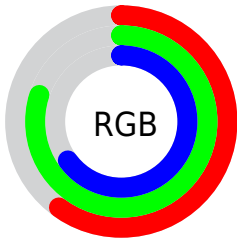
Format	Color
RYB	153, 194, 204
Decimal	10079398
CIELab	77.70, -24.23, 13.63
CIELCh	78, 27.802, 150.652
Yxy	52.7112, 0.3007, 0.3809
Android (android.graphics.Color)	4288269478 (0xFF99CCA6)
YUV	184.4190, -9.0806, -27.5545
Hunter-Lab	72.6025, -24.7457, 14.8389

Details

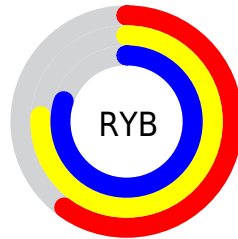
The Yxy color **52.7112, 0.3007, 0.3809** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.3804, 0.3274, 0.2822**, and the grayscale version is **48.2363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1504, 0.3031, 0.3652**, and **25.7943, 0.2972, 0.3969** is the 20% darker color. If you saturate the color by 10%, you get **50.3700, 0.2963, 0.4058**, and if you desaturate by 10%, it is **55.4621, 0.3054, 0.3583**.

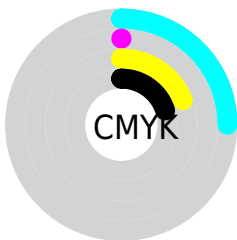
Distribution



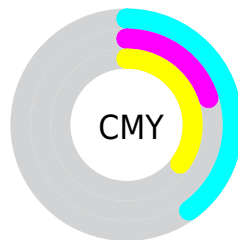
- Red (60%)
- Green (80%)
- Blue (65%)



- Red (60%)
- Yellow (76%)
- Blue (80%)



- Cyan (25%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)





- Cyan (40%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7112, 0.3007, 0.3809 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 52.7112, 0.3007, 0.3809 by changing the saturation by 10% instead.


 52.7112, 0.3007,
0.3809

 52.7112, 0.3007,
0.3809


397.1761, 0.3070,
0.3546

 37.5723, 0.2990,
0.3876


 94.1793, 0.3031,
0.3713

 25.6509, 0.2968,
0.3962


 121.2772, 0.3039,
0.3677

 16.5626, 0.2938,
0.4078


153.1302, 0.3047,
0.3646

 9.9232, 0.2893,
0.4242

190.1228, 0.3053,
0.3620

 5.3480, 0.2823,
0.4490

232.6393, 0.3058,
0.3598

 2.4529, 0.2697,
0.4906

281.0641, 0.3063,

 0.8529, 0.2044,


0.3578


0.7956


335.7815, 0.3067,
0.3561


 0.0000, 0.0000,
0.0000

 52.7112, 0.3007,
0.3809


 52.7112, 0.3007,
0.3809


 50.3700, 0.2963,
0.4058


 55.4621, 0.3054,
0.3583


 48.4123, 0.2924,
0.4326


 58.6342, 0.3103,
0.3382

 46.8191, 0.2894,
0.4608

 62.2469, 0.3151,
0.3204

 45.5671, 0.2875,
0.4891

 66.3163, 0.3198,
0.3049

 44.6303, 0.2870,
0.5164

 70.8576, 0.3242,
0.2913

■ 43.9787, 0.2881,
0.5411

■ 71.6679, 0.3151,
0.2792

■ 43.5762, 0.2905,
0.5619

■ 43.4363, 0.2918,
0.5706

Harmonies

Analogous

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



52.7112, 0.3379, 0.3957



52.7112, 0.3007, 0.3809



52.7112, 0.2681, 0.3493

Triad

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



52.7112, 0.3007, 0.3809



52.7112, 0.2571, 0.2698



52.7112, 0.3821, 0.3383

Complementary

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



52.7112, 0.3007, 0.3809



39.3804, 0.3274, 0.2822

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.



52.7112, 0.3579, 0.3084



52.7112, 0.3007, 0.3809



52.7112, 0.2848, 0.2702

Square

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



52.7112, 0.3007, 0.3809



52.7112, 0.2441, 0.2846



52.7112, 0.3216, 0.2841



52.7112, 0.3862, 0.3678

Rectangle

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



52.7112, 0.3007, 0.3809



52.7112, 0.2529, 0.3249



52.7112, 0.3216, 0.2841



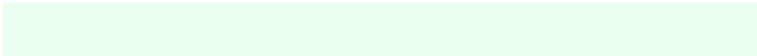
52.7112, 0.3760, 0.3280

Sweetspot

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



52.7134, 0.3007, 0.3809



95.3939, 0.3088, 0.3442



56.5968, 0.3396, 0.3931



20.2442, 0.3081, 0.3472



0.0000, 0.0000, 0.0000



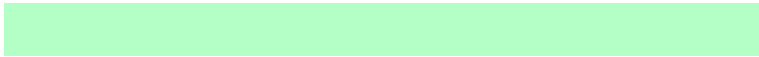
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7134, 0.3007, 0.3809



85.1224, 0.2983, 0.3940



53.7325, 0.2842, 0.3458



12.5832, 0.3082, 0.3467



27.3509, 0.2912, 0.5683



1.4237, 0.2802, 0.5285

Inverse Universe

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



39.3804, 0.3274, 0.2822



59.3261, 0.3314, 0.2718



38.3632, 0.3520, 0.3129



11.3529, 0.3176, 0.3119



9.5216, 0.3974, 0.1963



0.5030, 0.3793, 0.1863

Previews

White Background



This preview shows how the Yxy color 52.7112, 0.3007, 0.3809 looks on a white background.

Color Contrast Check

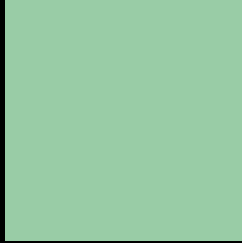
Large Text (above 18pt) WCAG AA × Fail

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 52.7112, 0.3007, 0.3809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

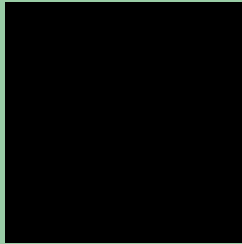
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7112, 0.3007, 0.3809

Background



This preview shows how black text looks on a background with the Yxy color 52.7112, 0.3007, 0.3809.



This preview shows how white text looks on a background with the Yxy color 52.7112, 0.3007, 0.3809.

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

52.7112, 0.3007, 0.3809

Protanopia

52.3562, 0.3463, 0.3675

Deuteranopia

52.0887, 0.3538, 0.3457



Tritanopia

52.4180, 0.2759, 0.3085

Trichromacy



Original Color

52.7112, 0.3007, 0.3809

Protanomaly

52.2788, 0.3284, 0.3730

Deuteranomaly

51.5955, 0.3322, 0.3568

Tritanomaly

52.6650, 0.2850, 0.3342

Monochromacy



Original Color

52.7112, 0.3007, 0.3809

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.3202, 0.3086, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7112, 0.3007, 0.3809 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(153, 204, 166)` looks like.

```
.text, #text, p{  
    color:rgb(153, 204, 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(153, 204, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 204, 166) }
```

Border

The CSS property to change the border of an element to Yxy 52.7112, 0.3007, 0.3809 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(153, 204, 166) }
```

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

```
.border{ border-color:rgb(153, 204, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 204, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 204, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 204, 166);  
box-shadow:4px 4px 4px 4px rgb(153, 204,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7112, 0.3007, 0.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 204, 166) }
```

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

```
.background{ background-color: rgb(153,  
204, 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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