

Converting Colors

Yxy(51.6323, 0.3050, 0.3825)

Have a look what the booklet for
Yxy(51.6323, 0.3050, 0.3825)
contains.

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Color

Yxy(51.4498, 0.3057, 0.3825)

Conversions

Conversions Part 1

Format	Color
Hex	9CC9A2
RGB	156, 201, 162
RGB Percent	61%, 79%, 64%
CMY	0.3882, 0.2118, 0.3647
CMYK	0.22, 0.00, 0.19, 0.21
HSL	128°, 29%, 70%
HSV	128°, 22%, 79%
XYZ	41.1195, 51.4498, 41.9400
YIQ	183.0990, -14.3010, -21.6690

Conversions

Conversions Part 2

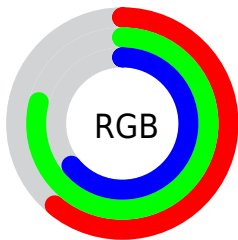
Format	Color
RYB	156, 196, 201
Decimal	10275234
CIELab	76.95, -22.49, 14.74
CIELCh	77, 26.892, 146.759
Yxy	51.4498, 0.3057, 0.3825
Android (android.graphics.Color)	4288465314 (0xFF9CC9A2)
YUV	183.0990, -10.4018, -23.7658
Hunter-Lab	71.7285, -23.1970, 15.5428

Details

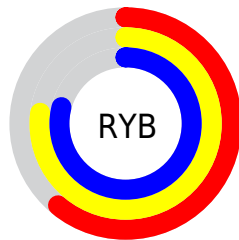
The Yxy color **51.4498, 0.3057, 0.3825** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.1410, 0.3206, 0.2808**, and the grayscale version is **47.4770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3786, 0.3072, 0.3694**, and **24.9363, 0.3035, 0.3992** is the 20% darker color. If you saturate the color by 10%, you get **49.0322, 0.3026, 0.4110**, and if you desaturate by 10%, it is **54.2895, 0.3089, 0.3568**.

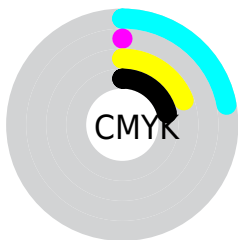
Distribution



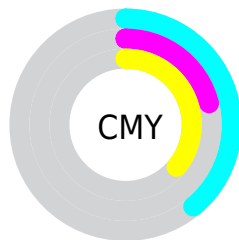
- Red (61%)
- Green (79%)
- Blue (64%)



- Red (61%)
- Yellow (77%)
- Blue (79%)



- Cyan (22%)
- Magenta (0%)
- Yellow (19%)
- Black (21%)





- Cyan (39%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4498, 0.3057, 0.3825 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 51.4498, 0.3057, 0.3825 by changing the saturation by 10% instead.

 51.4498, 0.3057,
0.3825

 51.4498, 0.3057,
0.3825


392.3088, 0.3096,
0.3553

 36.5667, 0.3046,
0.3894


 92.3193, 0.3072,
0.3725

 24.8722, 0.3031,
0.3984


 119.0745, 0.3078,
0.3688

 15.9819, 0.3010,
0.4105


150.5559, 0.3082,
0.3656

 9.5113, 0.2978,
0.4277

187.1478, 0.3086,
0.3630

 5.0762, 0.2924,
0.4537

229.2346, 0.3089,
0.3607

 2.2920, 0.2821,
0.4978

277.2008, 0.3092,


 0.7695, 0.1915,


0.3586

0.8085

331.4308, 0.3094,
0.3569


 0.0000, 0.0000,
0.0000

 51.4498, 0.3057,
0.3825


 51.4498, 0.3057,
0.3825

 49.0322, 0.3026,
0.4110


 54.2895, 0.3089,
0.3568


 47.0103, 0.2998,
0.4417


 57.5634, 0.3120,
0.3340


 45.3649, 0.2974,
0.4737

 61.2908, 0.3150,
0.3141

 44.0724, 0.2957,
0.5055

 65.4883, 0.3178,
0.2967

 43.1069, 0.2949,
0.5351

 69.8829, 0.3193,
0.2816

■ 42.4384, 0.2951,
0.5605

■ 70.2544, 0.3152,
0.2762

■ 42.0316, 0.2962,
0.5798

■ 41.8521, 0.2973,
0.5901

Harmonies

Analogous

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



51.4498, 0.3418, 0.3943



51.4498, 0.3057, 0.3825



51.4498, 0.2728, 0.3534

Triad

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



51.4498, 0.3057, 0.3825



51.4498, 0.2559, 0.2723



51.4498, 0.3783, 0.3342

Complementary

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



51.4498, 0.3057, 0.3825



40.1410, 0.3206, 0.2808

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.



51.4498, 0.3526, 0.3054



51.4498, 0.3057, 0.3825



51.4498, 0.2813, 0.2707

Square

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



51.4498, 0.3057, 0.3825



51.4498, 0.2452, 0.2887



51.4498, 0.3165, 0.2827



51.4498, 0.3851, 0.3635

Rectangle

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



51.4498, 0.3057, 0.3825



51.4498, 0.2567, 0.3297



51.4498, 0.3165, 0.2827



51.4498, 0.3715, 0.3242

Sweetspot

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



51.4520, 0.3057, 0.3825



95.8132, 0.3105, 0.3444



55.8779, 0.3418, 0.3851



20.4346, 0.3103, 0.3458



0.0000, 0.0000, 0.0000



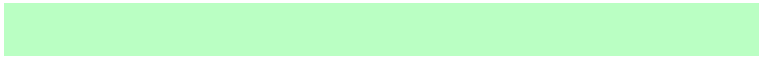
21.4041, 0.3127, 0.3290

Same Dimension

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



51.4520, 0.3057, 0.3825



85.9313, 0.3041, 0.3964



52.2942, 0.2910, 0.3520



11.9104, 0.3098, 0.3496



26.3221, 0.2968, 0.5886



1.2541, 0.2884, 0.5584

Inverse Universe

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



40.1410, 0.3206, 0.2808



63.0861, 0.3227, 0.2698



39.2268, 0.3410, 0.3071



10.7915, 0.3158, 0.3092



9.7465, 0.3572, 0.1741



0.4684, 0.3486, 0.1694

Previews

White Background



This preview shows how the Yxy color 51.4498, 0.3057, 0.3825 looks on a white background.

Color Contrast Check

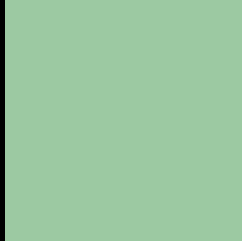
Large Text (above 18pt) WCAG AA × Fail

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 51.4498, 0.3057, 0.3825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

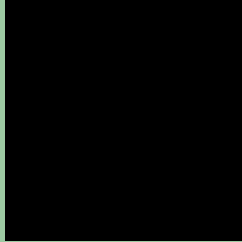
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4498, 0.3057, 0.3825

Background



This preview shows how black text looks on a background with the Yxy color 51.4498, 0.3057, 0.3825.



This preview shows how white text looks on a background with the Yxy color 51.4498, 0.3057, 0.3825.

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

51.4498, 0.3057, 0.3825

Protanopia

51.0749, 0.3483, 0.3704

Deuteranopia

50.8080, 0.3560, 0.3483



Tritanopia

51.2360, 0.2796, 0.3085

Trichromacy



Original Color

51.4498, 0.3057, 0.3825

Protanomaly

50.7989, 0.3320, 0.3747

Deuteranomaly

50.5811, 0.3358, 0.3595

Tritanomaly

51.4641, 0.2889, 0.3342

Monochromacy



Original Color

51.4498, 0.3057, 0.3825

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.8063, 0.3102, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4498, 0.3057, 0.3825 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(156, 201, 162)` looks like.

```
.text, #text, p{  
    color:rgb(156, 201, 162)  
}
```

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(156, 201, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 201, 162) }
```

Border

The CSS property to change the border of an element to Yxy 51.4498, 0.3057, 0.3825 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(156, 201, 162) }
```

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

```
.border{ border-color:rgb(156, 201, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 201, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 201, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 201, 162);  
box-shadow:4px 4px 4px 4px rgb(156, 201,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4498, 0.3057, 0.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 201, 162) }
```

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

```
.background{ background-color: rgb(156,  
201, 162) }
```

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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