

Converting Colors

$Yxy(51.4461, 0.3097, 0.3927)$

Have a look what the booklet for
Yxy(51.4461, 0.3097, 0.3927)
contains.

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Color

Yxy(51.5762, 0.3097, 0.3938)

Conversions

Conversions Part 1

Format	Color
Hex	9BCA9B
RGB	155, 202, 155
RGB Percent	61%, 79%, 61%
CMY	0.3920, 0.2079, 0.3921
CMYK	0.23, 0.00, 0.23, 0.21
HSL	120°, 31%, 70%
HSV	120°, 23%, 79%
XYZ	40.5616, 51.5762, 38.8328
YIQ	182.5890, -12.9250, -24.5810

Conversions

Conversions Part 2

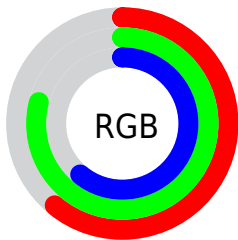
Format	Color
RYB	155, 202, 202
Decimal	10209947
CIELab	77.03, -24.54, 18.56
CIELCh	77, 30.765, 142.899
Yxy	51.5762, 0.3097, 0.3938
Android (android.graphics.Color)	4288400027 (0xFF9BCA9B)
YUV	182.5890, -13.6014, -24.1956
Hunter-Lab	71.8166, -24.8633, 18.2122

Details

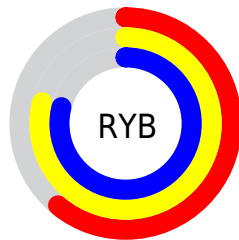
The Yxy color **51.5762, 0.3097, 0.3938** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.2624, 0.3154, 0.2717**, and the grayscale version is **47.2043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8748, 0.3105, 0.3772**, and **25.0628, 0.3078, 0.4129** is the 20% darker color. If you saturate the color by 10%, you get **49.1216, 0.3081, 0.4270**, and if you desaturate by 10%, it is **54.4826, 0.3111, 0.3637**.

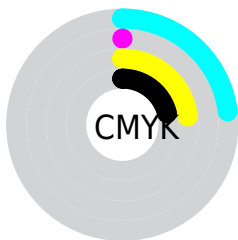
Distribution



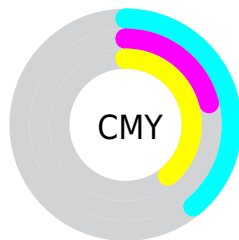
- Red (61%)
- Green (79%)
- Blue (61%)



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



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (21%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5762, 0.3097, 0.3938 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 51.5762, 0.3097, 0.3938 by changing the saturation by 10% instead.


 51.5762, 0.3097,
0.3938


 51.5762, 0.3097,
0.3938


392.7983, 0.3118,
0.3607

 36.6674, 0.3090,
0.4023


 92.5059, 0.3106,
0.3816

 24.9501, 0.3079,
0.4132


 119.2956, 0.3109,
0.3771

 16.0399, 0.3062,
0.4280


150.8144, 0.3112,
0.3733

 9.5524, 0.3035,
0.4490

187.4467, 0.3114,
0.3700

 5.1032, 0.2985,
0.4808

229.5768, 0.3115,
0.3672

 2.3079, 0.2888,
0.5359

277.5892, 0.3116,

 0.7779, 0.1529,

0.3648


0.8471


331.8682, 0.3117,
0.3626


 0.0000, 0.0000,
0.0000


 51.5762, 0.3097,
0.3938


 51.5762, 0.3097,
0.3938


 49.1216, 0.3081,
0.4270


 54.4826, 0.3111,
0.3637


 47.0901, 0.3065,
0.4623


 57.8548, 0.3123,
0.3370


 45.4596, 0.3048,
0.4980

 61.7145, 0.3134,
0.3137

 44.2036, 0.3032,
0.5317

 66.0801, 0.3144,
0.2936

 43.2923, 0.3019,
0.5606

 70.7183, 0.3151,
0.2772

■ 42.6917, 0.3009,
0.5822

■ 42.3604, 0.3002,
0.5951

■ 42.2392, 0.3000,
0.6000

Harmonies

Analogous

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



51.5762, 0.3506, 0.4040



51.5762, 0.3097, 0.3938



51.5762, 0.2713, 0.3620

Triad

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



51.5762, 0.3097, 0.3938



51.5762, 0.2457, 0.2659



51.5762, 0.3851, 0.3301

Complementary

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



51.5762, 0.3097, 0.3938



40.2624, 0.3154, 0.2717

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.



51.5762, 0.3533, 0.2983



51.5762, 0.3097, 0.3938



51.5762, 0.2723, 0.2623

Square

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



51.5762, 0.3097, 0.3938



51.5762, 0.2360, 0.2863



51.5762, 0.3114, 0.2741



51.5762, 0.3958, 0.3636

Rectangle

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



51.5762, 0.3097, 0.3938



51.5762, 0.2520, 0.3347



51.5762, 0.3114, 0.2741



51.5762, 0.3764, 0.3190

Sweetspot

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



51.5784, 0.3097, 0.3938



95.6757, 0.3119, 0.3468



56.7946, 0.3477, 0.3856



20.4029, 0.3118, 0.3484



0.0000, 0.0000, 0.0000



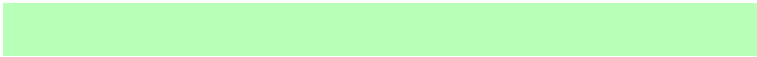
21.4041, 0.3127, 0.3290

Same Dimension

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



51.5784, 0.3097, 0.3938



85.1110, 0.3089, 0.4105



52.4114, 0.2943, 0.3617



12.5373, 0.3116, 0.3529



27.1824, 0.3000, 0.6000



1.4024, 0.3001, 0.5999

Inverse Universe

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



40.2624, 0.3154, 0.2717



62.5858, 0.3160, 0.2591



39.2691, 0.3363, 0.2985



11.4034, 0.3138, 0.3062



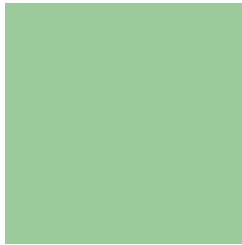
10.8118, 0.3208, 0.1541



0.5579, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 51.5762, 0.3097, 0.3938 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 51.5762, 0.3097, 0.3938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

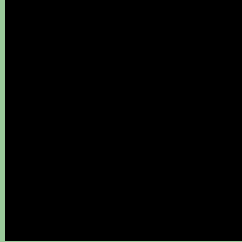
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5762, 0.3097, 0.3938

Background



This preview shows how black text looks on a background with the Yxy color 51.5762, 0.3097, 0.3938.



This preview shows how white text looks on a background with the Yxy color 51.5762, 0.3097, 0.3938.

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

51.5762, 0.3097, 0.3938

Protanopia

51.1217, 0.3557, 0.3790

Deuteranopia

51.0192, 0.3647, 0.3565



Tritanopia

51.6827, 0.2797, 0.3098

Trichromacy



Original Color

51.5762, 0.3097, 0.3938

Protanomaly

51.1322, 0.3380, 0.3850

Deuteranomaly

50.5996, 0.3431, 0.3684

Tritanomaly

51.6829, 0.2903, 0.3395

Monochromacy



Original Color

51.5762, 0.3097, 0.3938

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.7283, 0.3117, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5762, 0.3097, 0.3938 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(155, 202, 155)` looks like.

```
.text, #text, p{  
    color:rgb(155, 202, 155)  
}
```

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(155, 202, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 202, 155) }
```

Border

The CSS property to change the border of an element to Yxy 51.5762, 0.3097, 0.3938 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(155, 202, 155) }
```

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

```
.border{ border-color:rgb(155, 202, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 202, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 202, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 202, 155);  
box-shadow:4px 4px 4px 4px rgb(155, 202,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5762, 0.3097, 0.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 202, 155) }
```

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

```
.background{ background-color: rgb(155,  
202, 155) }
```

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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