

# Converting Colors

$Yxy(52.0431, 0.3077, 0.3932)$

Have a look what the booklet for  
Yxy(52.0431, 0.3077, 0.3932)  
contains.

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# Color

**Yxy(52.0162, 0.3075, 0.3924)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9ACB9D
RGB	154, 203, 157
RGB Percent	60%, 80%, 62%
CMY	0.3962, 0.2039, 0.3844
CMYK	0.24, 0.00, 0.23, 0.20
HSL	124°, 32%, 70%
HSV	124°, 24%, 80%
XYZ	40.7619, 52.0162, 39.7810
YIQ	183.1050, -14.4380, -24.6940

# Conversions

## Conversions Part 2

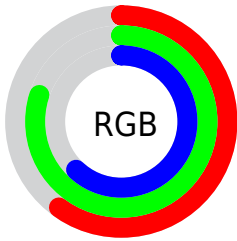
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 200, 203
Decimal	10144669
CIELab	77.29, -25.06, 17.87
CIELCh	77, 30.774, 144.506
Yxy	52.0162, 0.3075, 0.3924
Android (android.graphics.Color)	4288334749 (0xFF9ACB9D)
YUV	183.1050, -12.8698, -25.5251
Hunter-Lab	72.1223, -25.3296, 17.7826

# Details

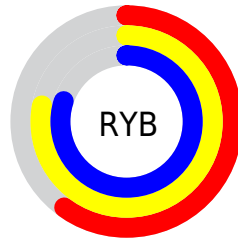
The Yxy color **52.0162, 0.3075, 0.3924** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.9686, 0.3182, 0.2729**, and the grayscale version is **47.4892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8288, 0.3087, 0.3751**, and **25.3603, 0.3050, 0.4108** is the 20% darker color. If you saturate the color by 10%, you get **49.5917, 0.3052, 0.4238**, and if you desaturate by 10%, it is **54.8834, 0.3097, 0.3639**.

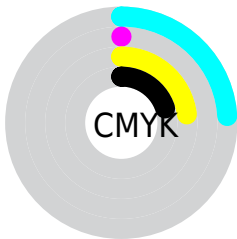
# Distribution



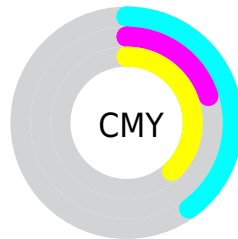
- Red (60%)
- Green (80%)
- Blue (62%)



- Red (60%)
- Yellow (78%)
- Blue (80%)



- Cyan (24%)
- Magenta (0%)
- Yellow (23%)
- Black (20%)




- Cyan (40%)
- Magenta (20%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0162, 0.3075, 0.3924 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 52.0162, 0.3075, 0.3924 by changing the saturation by 10% instead.




 52.0162, 0.3075,  
0.3924


 52.0162, 0.3075,  
0.3924


394.4991, 0.3107,  
0.3601

 37.0180, 0.3065,  
0.4007


 93.1551, 0.3088,  
0.3805

 25.2214, 0.3051,  
0.4114


 120.0646, 0.3092,  
0.3761

 16.2421, 0.3031,  
0.4258


151.7134, 0.3096,  
0.3724

 9.6956, 0.2999,  
0.4462

188.4857, 0.3099,  
0.3692

 5.1976, 0.2943,  
0.4771

230.7661, 0.3101,  
0.3664

 2.3637, 0.2831,  
0.5297


278.9388, 0.3104,


 0.8071, 0.1615,


0.3640


0.8385


333.3884, 0.3105,  
0.3619


 0.0000, 0.0000,  
0.0000


 52.0162, 0.3075,  
0.3924


 52.0162, 0.3075,  
0.3924

 49.5917, 0.3052,  
0.4238


 54.8834, 0.3097,  
0.3639


 47.5818, 0.3031,  
0.4573

 58.2069, 0.3119,  
0.3386


 45.9650, 0.3012,  
0.4914

 62.0077, 0.3139,  
0.3164

 44.7157, 0.2997,  
0.5242

 66.3037, 0.3157,  
0.2973

 43.8050, 0.2988,  
0.5532

 71.0220, 0.3170,  
0.2807

■ 43.1995, 0.2985,  
0.5760

■ 71.1979, 0.3151,  
0.2782

■ 42.8594, 0.2989,  
0.5911

■ 42.7457, 0.2990,  
0.5965

# Harmonies

## Analogous

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



52.0162, 0.3484, 0.4038



52.0162, 0.3075, 0.3924



52.0162, 0.2696, 0.3598

# Triad

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



52.0162, 0.3075, 0.3924



52.0162, 0.2468, 0.2655



52.0162, 0.3861, 0.3319

# Complementary

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



52.0162, 0.3075, 0.3924



39.9686, 0.3182, 0.2729

# 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.



52.0162, 0.3553, 0.2999



52.0162, 0.3075, 0.3924



52.0162, 0.2743, 0.2627

# Square

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



52.0162, 0.3075, 0.3924



52.0162, 0.2362, 0.2849



52.0162, 0.3136, 0.2753



52.0162, 0.3955, 0.3652



# Rectangle

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



52.0162, 0.3075, 0.3924



52.0162, 0.2509, 0.3325



52.0162, 0.3136, 0.2753



52.0162, 0.3778, 0.3208

# Sweetspot

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



52.0184, 0.3075, 0.3924



95.7379, 0.3113, 0.3457



57.4066, 0.3468, 0.3892



20.4172, 0.3111, 0.3472



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

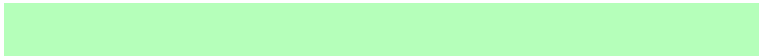


# Same Dimension

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



52.0184, 0.3075, 0.3924



84.8778, 0.3063, 0.4085



52.9185, 0.2915, 0.3586



12.5480, 0.3108, 0.3514



27.2040, 0.2988, 0.5956



1.4074, 0.2947, 0.5809



# Inverse Universe

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



39.9686, 0.3182, 0.2729



61.2588, 0.3195, 0.2606



38.9346, 0.3406, 0.3012



11.3914, 0.3147, 0.3075



10.4655, 0.3368, 0.1629



0.5436, 0.3334, 0.1610



# Previews

## White Background



This preview shows how the Yxy color 52.0162, 0.3075, 0.3924 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 52.0162, 0.3075, 0.3924 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

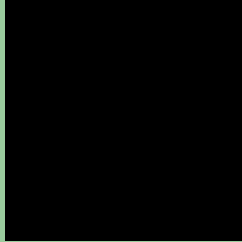
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 52.0162, 0.3075, 0.3924**

## **Background**



This preview shows how black text looks on a background with the Yxy color 52.0162, 0.3075, 0.3924.

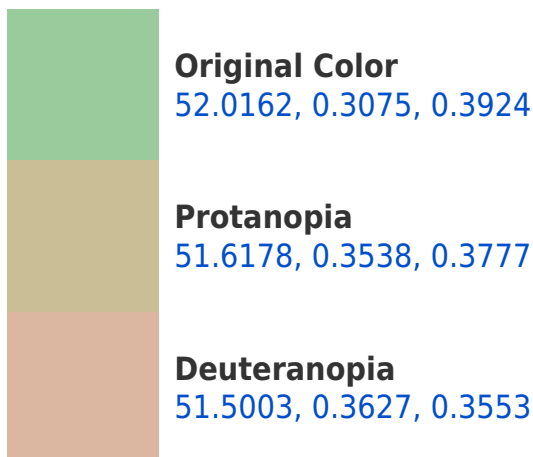


This preview shows how white text looks on a background with the Yxy color 52.0162, 0.3075, 0.3924.

# 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





## Tritanopia

52.0755, 0.2785, 0.3098

# Trichromacy



**Original Color**

52.0162, 0.3075, 0.3924

**Protanomaly**

51.6444, 0.3363, 0.3836

**Deuteranomaly**

50.9671, 0.3404, 0.3671

**Tritanomaly**

52.0820, 0.2889, 0.3395

# Monochromacy



**Original Color**

52.0162, 0.3075, 0.3924

**Achromatopsia**

47.3531, 0.3127, 0.3290

**Achromatomaly**

48.6536, 0.3101, 0.3503

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.0162, 0.3075, 0.3924 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(154, 203, 157)` looks like.

```
.text, #text, p{  
    color:rgb(154, 203, 157)  
}
```

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(154, 203, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 203, 157) }
```

## Border

The CSS property to change the border of an element to Yxy 52.0162, 0.3075, 0.3924 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(154, 203, 157) }
```

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

```
.border{ border-color:rgb(154, 203, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 203, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 203, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 203, 157); box-shadow:4px 4px 4px 4px rgb(154, 203, 157) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.0162, 0.3075, 0.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 203, 157) }
```

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

```
.background{ background-color: rgb(154,  
203, 157) }
```

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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