

Converting Colors

$Yxy(63.1190, 0.3076, 0.4072)$

Have a look what the booklet for
Yxy(63.1190, 0.3076, 0.4072)
contains.

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Color

Yxy(62.9968, 0.3077, 0.4065)

Conversions

Conversions Part 1

Format	Color
Hex	A1DFA3
RGB	161, 223, 163
RGB Percent	63%, 87%, 64%
CMY	0.3689, 0.1254, 0.3608
CMYK	0.28, 0.00, 0.27, 0.13
HSL	122°, 49%, 75%
HSV	122°, 28%, 87%
XYZ	47.6854, 62.9968, 44.2915
YIQ	197.6220, -17.6920, -31.8040

Conversions

Conversions Part 2

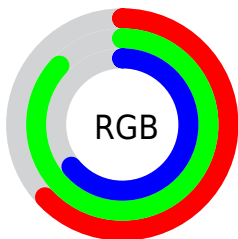
Format	Color
RYB	161, 221, 223
Decimal	10608547
CIELab	83.44, -31.32, 23.26
CIELCh	83, 39.015, 143.403
Yxy	62.9968, 0.3077, 0.4065
Android (android.graphics.Color)	4288798627 (0xFFA1DFA3)
YUV	197.6220, -17.0686, -32.1175
Hunter-Lab	79.3705, -31.6565, 22.4735

Details

The Yxy color **62.9968, 0.3077, 0.4065** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.3753, 0.3177, 0.2621**, and the grayscale version is **56.3369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3337, 0.3103, 0.3679**, and **31.9733, 0.3056, 0.4272** is the 20% darker color. If you saturate the color by 10%, you get **60.1785, 0.3057, 0.4400**, and if you desaturate by 10%, it is **66.3654, 0.3096, 0.3757**.

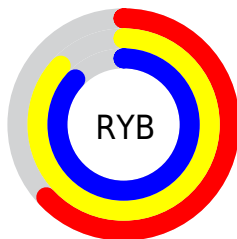
Distribution



Red (63%)

Green (87%)

Blue (64%)



Red (63%)

Yellow (87%)

Blue (87%)

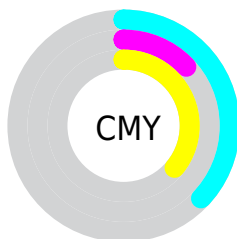


Cyan (28%)

Magenta (0%)

Yellow (27%)

Black (13%)



Cyan (37%)


Magenta (13%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9968, 0.3077, 0.4065 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 62.9968, 0.3077, 0.4065 by changing the saturation by 10% instead.


 62.9968, 0.3077,
0.4065

 62.9968, 0.3077,
0.4065


435.5579, 0.3110,
0.3680

 45.8386, 0.3066,
0.4160


 109.1649, 0.3091,
0.3926

 32.1185, 0.3052,
0.4281

 138.9436, 0.3095,
0.3873

 21.4520, 0.3030,
0.4441

173.6979, 0.3099,
0.3829

 13.4548, 0.2995,
0.4660

213.8123, 0.3102,
0.3790

 7.7425, 0.2937,
0.4979

259.6711, 0.3105,
0.3757

 3.9306, 0.2825,
0.5476


311.6587, 0.3107,

 1.6348, 0.2844,


0.3728


0.7156


370.1595, 0.3109,
0.3703

 0.3809, 0.0000,
1.0000

 0.0000, 0.0000,
0.0000


 62.9968, 0.3077,
0.4065


 62.9968, 0.3077,
0.4065

 60.1785, 0.3057,
0.4400


 66.3654, 0.3096,
0.3757


 57.8738, 0.3038,
0.4750

 70.3028, 0.3114,
0.3482

 56.0541, 0.3021,
0.5097

 74.8365, 0.3131,
0.3241

 54.6848, 0.3008,
0.5415

 79.9898, 0.3146,
0.3031

■ 53.7265, 0.2999,
0.5679

■ 81.2654, 0.3142,
0.2980

■ 53.1334, 0.2995,
0.5866

■ 52.8432, 0.2996,
0.5970

■ 52.8016, 0.2995,
0.5983

Harmonies

Analogous

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



62.9968, 0.3561, 0.4184



62.9968, 0.3077, 0.4065



62.9968, 0.2629, 0.3675

Triad

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



62.9968, 0.3077, 0.4065



62.9968, 0.2345, 0.2546



62.9968, 0.3992, 0.3302

Complementary

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



62.9968, 0.3077, 0.4065



46.3753, 0.3177, 0.2621

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.



62.9968, 0.3615, 0.2934



62.9968, 0.3077, 0.4065



62.9968, 0.2656, 0.2512

Square

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



62.9968, 0.3077, 0.4065



62.9968, 0.2230, 0.2774



62.9968, 0.3116, 0.2653



62.9968, 0.4113, 0.3692

Rectangle

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



62.9968, 0.3077, 0.4065



62.9968, 0.2407, 0.3344



62.9968, 0.3116, 0.2653



62.9968, 0.3890, 0.3173

Sweetspot

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



62.9995, 0.3077, 0.4065



95.1283, 0.3114, 0.3488



70.8833, 0.3538, 0.3985



20.1779, 0.3111, 0.3527



0.0000, 0.0000, 0.0000



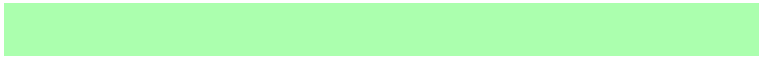
21.4041, 0.3127, 0.3290

Same Dimension

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



62.9995, 0.3077, 0.4065



83.2031, 0.3066, 0.4243



64.2062, 0.2896, 0.3667



15.3446, 0.3111, 0.3524



31.0438, 0.2994, 0.5978



2.1544, 0.2976, 0.5913

Inverse Universe

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



46.3753, 0.3177, 0.2621



57.3707, 0.3187, 0.2492



44.9160, 0.3444, 0.2943



13.9274, 0.3143, 0.3067



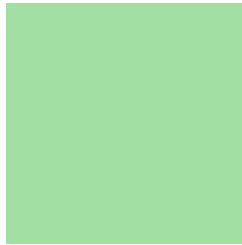
12.1309, 0.3293, 0.1588



0.8433, 0.3279, 0.1580

Previews

White Background



This preview shows how the Yxy color 62.9968, 0.3077, 0.4065 looks on a white background.

Color Contrast Check

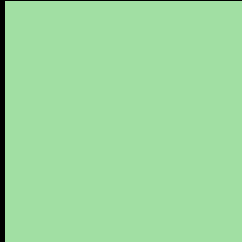
Large Text (above 18pt) WCAG AA × Fail

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 62.9968, 0.3077, 0.4065 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 62.9968, 0.3077, 0.4065

Background



This preview shows how black text looks on a background with the Yxy color 62.9968, 0.3077, 0.4065.

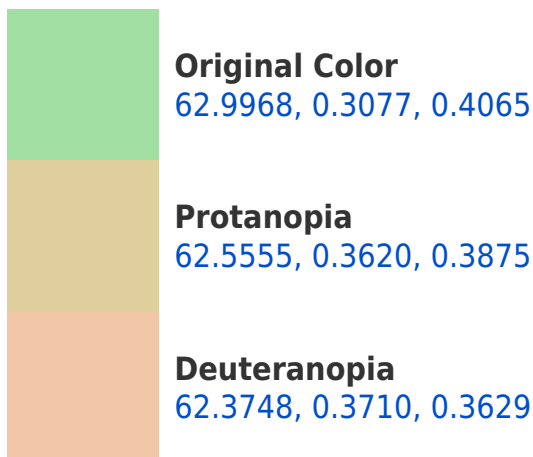


This preview shows how white text looks on a background with the Yxy color 62.9968, 0.3077, 0.4065.

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

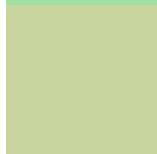
62.7469, 0.2741, 0.3088

Trichromacy



Original Color

62.9968, 0.3077, 0.4065



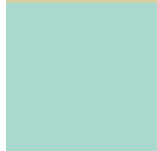
Protanomaly

62.3711, 0.3404, 0.3941



Deuteranomaly

61.8620, 0.3461, 0.3784



Tritanomaly

62.5170, 0.2866, 0.3425

Monochromacy



Original Color

62.9968, 0.3077, 0.4065



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

58.4427, 0.3114, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9968, 0.3077, 0.4065 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(161, 223, 163)` looks like.

```
.text, #text, p{  
    color:rgb(161, 223, 163)  
}
```

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(161, 223, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 223, 163) }
```

Border

The CSS property to change the border of an element to Yxy 62.9968, 0.3077, 0.4065 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(161, 223, 163) }
```

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

```
.border{ border-color:rgb(161, 223, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 223, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 223, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 223, 163);  
box-shadow:4px 4px 4px 4px rgb(161, 223,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9968, 0.3077, 0.4065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 223, 163) }
```

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

```
.background{ background-color: rgb(161,  
223, 163) }
```

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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