

Converting Colors

Yxy(50.7215, 0.3068, 0.4060)

Have a look what the booklet for
Yxy(50.7215, 0.3068, 0.4060)
contains.

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Color

Yxy(50.8697, 0.3069, 0.4068)

Conversions

Conversions Part 1

Format	Color
Hex	91CB94
RGB	145, 203, 148
RGB Percent	57%, 80%, 58%
CMY	0.4313, 0.2039, 0.4197
CMYK	0.29, 0.00, 0.27, 0.20
HSL	123°, 36%, 68%
HSV	123°, 29%, 80%
XYZ	38.3774, 50.8697, 35.8014
YIQ	179.3880, -16.9130, -29.4010

Conversions

Conversions Part 2

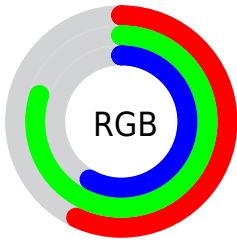
Format	Color
RYB	145, 200, 203
Decimal	9554836
CIELab	76.60, -29.58, 21.61
CIELCh	77, 36.635, 143.845
Yxy	50.8697, 0.3069, 0.4068
Android (android.graphics.Color)	4287744916 (0xFF91CB94)
YUV	179.3880, -15.4743, -30.1583
Hunter-Lab	71.3230, -28.7683, 20.1648

Details

The Yxy color **50.8697, 0.3069, 0.4068** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.1223, 0.3188, 0.2619**, and the grayscale version is **45.3887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0636, 0.3088, 0.3871**, and **24.6851, 0.3042, 0.4311** is the 20% darker color. If you saturate the color by 10%, you get **48.6294, 0.3048, 0.4396**, and if you desaturate by 10%, it is **53.5453, 0.3090, 0.3766**.

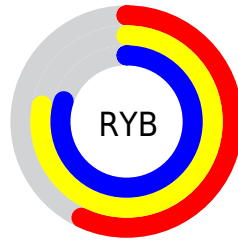
Distribution



Red (57%)

Green (80%)

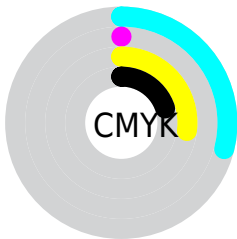
Blue (58%)



Red (57%)

Yellow (78%)

Blue (80%)

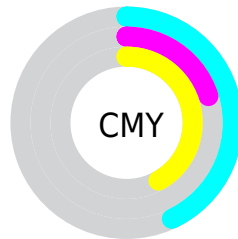


Cyan (29%)

Magenta (0%)

Yellow (27%)

Black (20%)



Cyan (43%)


Magenta (20%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8697, 0.3069, 0.4068 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 50.8697, 0.3069, 0.4068 by changing the saturation by 10% instead.


 50.8697, 0.3069,
0.4068


 50.8697, 0.3069,
0.4068


390.0573, 0.3107,
0.3667

 36.1049, 0.3056,
0.4171


 91.4621, 0.3085,
0.3920

 24.5152, 0.3039,
0.4306


 118.0586, 0.3090,
0.3865

 15.7163, 0.3011,
0.4489


149.3677, 0.3095,
0.3819

 9.3236, 0.2967,
0.4748

185.7739, 0.3098,
0.3779

 4.9529, 0.2887,
0.5144

227.6616, 0.3101,
0.3746

 2.2196, 0.2770,
0.5923

275.4151, 0.3103,

 0.7307, 0.0000,

0.3716

1.0000

329.4189, 0.3105,
0.3690

0.0000, 0.0000,
0.0000

50.8697, 0.3069,
0.4068

50.8697, 0.3069,
0.4068

48.6294, 0.3048,
0.4396

53.5453, 0.3090,
0.3766

46.7954, 0.3028,
0.4739

56.6707, 0.3111,
0.3496

45.3452, 0.3011,
0.5079

60.2675, 0.3130,
0.3258

44.2516, 0.2998,
0.5394

64.3543, 0.3147,
0.3051

43.4836, 0.2991,
0.5657

68.9483, 0.3163,
0.2873

■ 43.0052, 0.2990,
0.5849

■ 71.1941, 0.3151,
0.2782

■ 42.7623, 0.2992,
0.5961

■ 42.7369, 0.2992,
0.5971

Harmonies

Analogous

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



50.8697, 0.3557, 0.4192



50.8697, 0.3069, 0.4068



50.8697, 0.2619, 0.3671

Triad

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



50.8697, 0.3069, 0.4068



50.8697, 0.2342, 0.2538



50.8697, 0.4004, 0.3307

Complementary

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



50.8697, 0.3069, 0.4068



37.1223, 0.3188, 0.2619

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.



50.8697, 0.3626, 0.2936



50.8697, 0.3069, 0.4068



50.8697, 0.2658, 0.2507

Square

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



50.8697, 0.3069, 0.4068



50.8697, 0.2223, 0.2764



50.8697, 0.3123, 0.2652



50.8697, 0.4120, 0.3701

Rectangle

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



50.8697, 0.3069, 0.4068



50.8697, 0.2397, 0.3337



50.8697, 0.3123, 0.2652



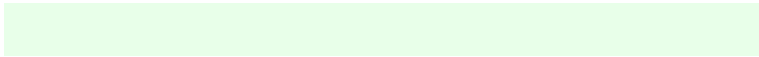
50.8697, 0.3902, 0.3178

Sweetspot

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



50.8718, 0.3069, 0.4068



94.5802, 0.3110, 0.3510



57.0525, 0.3530, 0.4003



20.0698, 0.3107, 0.3548



0.0000, 0.0000, 0.0000



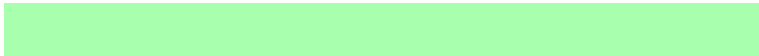
21.4041, 0.3127, 0.3290

Same Dimension

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



50.8718, 0.3069, 0.4068



82.8846, 0.3056, 0.4258



51.9051, 0.2879, 0.3648



12.5461, 0.3109, 0.3517



27.2002, 0.2990, 0.5963



1.4066, 0.2956, 0.5840

Inverse Universe

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



37.1223, 0.3188, 0.2619



56.3139, 0.3201, 0.2482



35.8947, 0.3472, 0.2959



11.3935, 0.3145, 0.3073



10.5237, 0.3340, 0.1614



0.5460, 0.3312, 0.1598

Previews

White Background



This preview shows how the Yxy color 50.8697, 0.3069, 0.4068 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 50.8697, 0.3069, 0.4068 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 50.8697, 0.3069, 0.4068

Background



This preview shows how black text looks on a background with the Yxy color 50.8697, 0.3069, 0.4068.

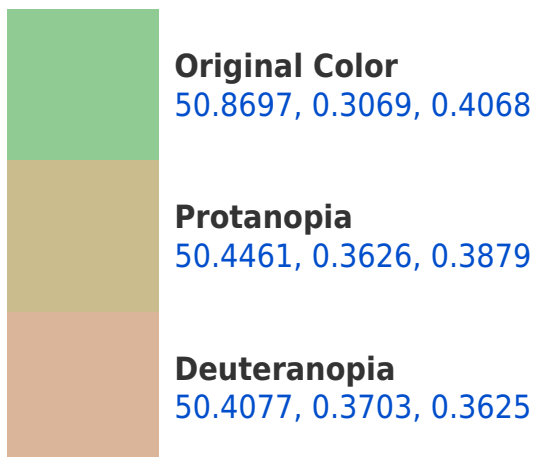


This preview shows how white text looks on a background with the Yxy color 50.8697, 0.3069, 0.4068.

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

50.7513, 0.2735, 0.3094

Trichromacy



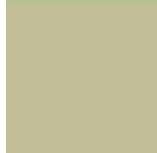
Original Color

50.8697, 0.3069, 0.4068



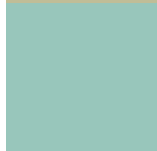
Protanomaly

49.9773, 0.3401, 0.3938



Deuteranomaly

49.8360, 0.3452, 0.3780



Tritanomaly

50.6514, 0.2858, 0.3438

Monochromacy



Original Color

50.8697, 0.3069, 0.4068



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

47.0091, 0.3106, 0.3562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8697, 0.3069, 0.4068 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(145, 203, 148)` looks like.

```
.text, #text, p{  
    color:rgb(145, 203, 148)  
}
```

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(145, 203, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 203, 148) }
```

Border

The CSS property to change the border of an element to Yxy 50.8697, 0.3069, 0.4068 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(145, 203, 148) }
```

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

```
.border{ border-color:rgb(145, 203, 148) }
```

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

Here you see how a box with a 4 pixel rgb(145, 203, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 203, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 203, 148);  
box-shadow:4px 4px 4px 4px rgb(145, 203,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8697, 0.3069, 0.4068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 203, 148) }
```

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

```
.background{ background-color: rgb(145,  
203, 148) }
```

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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