

Converting Colors

$Yxy(43.6487, 0.3282, 0.4296)$

Have a look what the booklet for
Yxy(43.6487, 0.3282, 0.4296)
contains.

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Color

Yxy(43.8867, 0.3279, 0.4295)

Conversions

Conversions Part 1

Format	Color
Hex	92BD79
RGB	146, 189, 121
RGB Percent	57%, 74%, 47%
CMY	0.4274, 0.2588, 0.5255
CMYK	0.23, 0.00, 0.36, 0.26
HSL	98°, 34%, 61%
HSV	98°, 36%, 74%
XYZ	33.5051, 43.8867, 24.7891
YIQ	168.3910, -3.8000, -30.2640

Conversions

Conversions Part 2

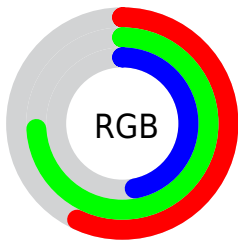
Format	Color
RYB	121, 189, 164
Decimal	9616761
CIELab	72.15, -26.76, 29.86
CIELCh	72, 40.102, 131.865
Yxy	43.8867, 0.3279, 0.4295
Android (android.graphics.Color)	4287806841 (0xFF92BD79)
YUV	168.3910, -23.3638, -19.6369
Hunter-Lab	66.2470, -25.6541, 24.1871

Details

The Yxy color **43.8867, 0.3279, 0.4295** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **25.2340, 0.2902, 0.2338**, and the grayscale version is **39.4811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7783, 0.3261, 0.4092**, and **20.1626, 0.3301, 0.4617** is the 20% darker color. If you saturate the color by 10%, you get **42.4313, 0.3307, 0.4609**, and if you desaturate by 10%, it is **45.5511, 0.3242, 0.3990**.

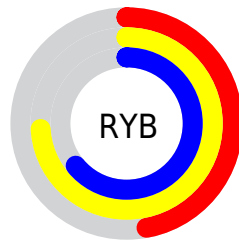
Distribution



Red (57%)

Green (74%)

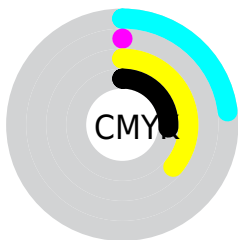
Blue (47%)



Red (47%)

Yellow (74%)

Blue (64%)

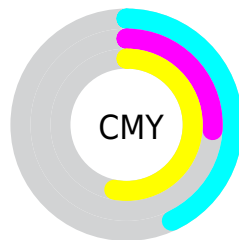


Cyan (23%)

Magenta (0%)

Yellow (36%)

Black (26%)



Cyan (43%)


Magenta (26%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8867, 0.3279, 0.4295 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 43.8867, 0.3279, 0.4295 by changing the saturation by 10% instead.


 43.8867, 0.3279,
0.4295


 43.8867, 0.3279,
0.4295


362.2457, 0.3218,
0.3766


 30.5814, 0.3288,
0.4435


 81.0472, 0.3261,
0.4097

 20.2803, 0.3296,
0.4618


 105.6713, 0.3253,
0.4024

 12.5990, 0.3297,
0.4868


 134.8371, 0.3245,
0.3963

 7.1530, 0.3282,
0.5225

168.9290, 0.3239,
0.3912

 3.5580, 0.3240,
0.5809

208.3314, 0.3233,
0.3867

 1.4295, 0.3043,
0.6957

253.4288, 0.3227,

 0.2383, 0.0000,

0.3829

1.0000

304.6054, 0.3222,
0.3795

0.0000, 0.0000,
0.0000

43.8867, 0.3279,
0.4295

43.8867, 0.3279,
0.4295

42.4313, 0.3307,
0.4609

45.5511, 0.3242,
0.3990

41.1704, 0.3323,
0.4920

47.4270, 0.3200,
0.3702

40.0963, 0.3324,
0.5210


49.5240, 0.3155,
0.3437


39.1986, 0.3308,
0.5461


51.8496, 0.3109,
0.3197

38.4653, 0.3274,
0.5658


54.4107, 0.3064,
0.2982


 37.8825, 0.3225,
0.5793

 57.2140, 0.3020,
0.2790

 37.6817, 0.3205,
0.5837

 60.2658, 0.2978,
0.2621

 62.4155, 0.3056,
0.2623

 64.5931, 0.3146,
0.2641

Harmonies

Analogous

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



43.8867, 0.3812, 0.4284



43.8867, 0.3279, 0.4295



43.8867, 0.2731, 0.3946

Triad

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



43.8867, 0.3279, 0.4295



43.8867, 0.2155, 0.2506



43.8867, 0.3992, 0.3127

Complementary

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



43.8867, 0.3279, 0.4295



25.2340, 0.2902, 0.2338

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.



43.8867, 0.3473, 0.2743



43.8867, 0.3279, 0.4295



43.8867, 0.2424, 0.2391

Square

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



43.8867, 0.3279, 0.4295



43.8867, 0.2115, 0.2845



43.8867, 0.2892, 0.2481



43.8867, 0.4257, 0.3569

Rectangle

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



43.8867, 0.3279, 0.4295



43.8867, 0.2432, 0.3575



43.8867, 0.2892, 0.2481



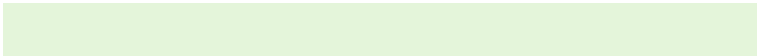
43.8867, 0.3839, 0.2989

Sweetspot

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



43.8886, 0.3279, 0.4295



86.6979, 0.3178, 0.3571



38.3679, 0.3775, 0.3860



18.5358, 0.3184, 0.3607



95.5105, 0.3127, 0.3290



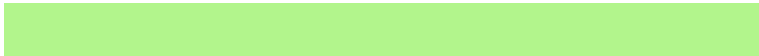
19.5994, 0.3127, 0.3290

Same Dimension

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



43.8886, 0.3279, 0.4295



76.5625, 0.3302, 0.4537



42.0421, 0.3023, 0.4232



10.8160, 0.3170, 0.3523



25.3934, 0.3214, 0.5830



1.0322, 0.3413, 0.5672

Inverse Universe

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



25.2340, 0.2902, 0.2338



38.3302, 0.2838, 0.2124



27.8291, 0.3252, 0.2502



9.5160, 0.3080, 0.3060



5.1757, 0.2313, 0.1048



0.2387, 0.2531, 0.1168

Previews

White Background



This preview shows how the Yxy color 43.8867, 0.3279, 0.4295 looks on a white background.

Color Contrast Check

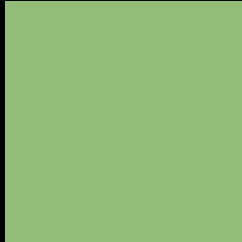
Large Text (above 18pt) WCAG AA × Fail

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 43.8867, 0.3279, 0.4295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

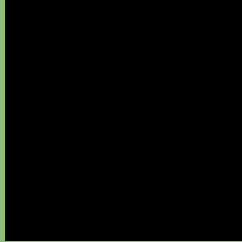
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8867, 0.3279, 0.4295

Background



This preview shows how black text looks on a background with the Yxy color 43.8867, 0.3279, 0.4295.



This preview shows how white text looks on a background with the Yxy color 43.8867, 0.3279, 0.4295.

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

43.8867, 0.3279, 0.4295

Protanopia

43.5181, 0.3787, 0.4078

Deuteranopia

43.5582, 0.3918, 0.3838



Tritanopia

43.7057, 0.2834, 0.3099

Trichromacy



Original Color

43.8867, 0.3279, 0.4295

Protanomaly

43.4697, 0.3586, 0.4160

Deuteranomaly

43.0707, 0.3671, 0.3987

Tritanomaly

43.4293, 0.3000, 0.3518

Monochromacy



Original Color

43.8867, 0.3279, 0.4295

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.7586, 0.3190, 0.3651

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8867, 0.3279, 0.4295 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(146, 189, 121)` looks like.

```
.text, #text, p{  
    color:rgb(146, 189, 121)  
}
```

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(146, 189, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 189, 121) }
```

Border

The CSS property to change the border of an element to Yxy 43.8867, 0.3279, 0.4295 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(146, 189, 121) }
```

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

```
.border{ border-color:rgb(146, 189, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 189, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 189, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 189, 121);  
box-shadow:4px 4px 4px 4px rgb(146, 189,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8867, 0.3279, 0.4295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 189, 121) }
```

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

```
.background{ background-color: rgb(146,  
189, 121) }
```

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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