

Converting Colors

$Yxy(43.6572, 0.3516, 0.4078)$

Have a look what the booklet for
Yxy(43.6572, 0.3516, 0.4078)
contains.

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Color

Yxy(43.4127, 0.3511, 0.4069)

Conversions

Conversions Part 1

Format	Color
Hex	ADB57D
RGB	173, 181, 125
RGB Percent	68%, 71%, 49%
CMY	0.3216, 0.2902, 0.5097
CMYK	0.04, 0.00, 0.31, 0.29
HSL	69°, 27%, 60%
HSV	69°, 31%, 71%
XYZ	37.4593, 43.4127, 25.8193
YIQ	172.2240, 13.2080, -19.1120

Conversions

Conversions Part 2

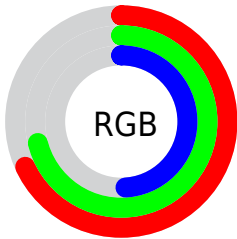
Format	Color
RYB	125, 181, 133
Decimal	11384189
CIELab	71.83, -12.01, 27.65
CIELCh	72, 30.142, 113.478
Yxy	43.4127, 0.3511, 0.4069
Android (android.graphics.Color)	4289574269 (0xFFADB57D)
YUV	172.2240, -23.2814, 0.6806
Hunter-Lab	65.8883, -13.8224, 22.8882

Details

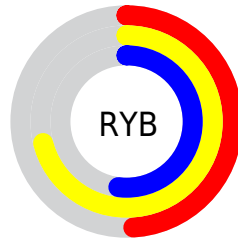
The Yxy color **43.4127, 0.3511, 0.4069** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **23.0041, 0.2664, 0.2417**, and the grayscale version is **41.4911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4407, 0.3446, 0.3924**, and **19.9394, 0.3615, 0.4307** is the 20% darker color. If you saturate the color by 10%, you get **42.7006, 0.3628, 0.4323**, and if you desaturate by 10%, it is **44.2188, 0.3387, 0.3811**.

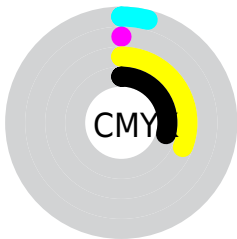
Distribution



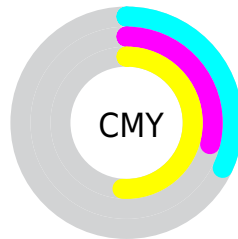
- Red (68%)
- Green (71%)
- Blue (49%)



- Red (49%)
- Yellow (71%)
- Blue (52%)



- Cyan (4%)
- Magenta (0%)
- Yellow (31%)
- Black (29%)





- Cyan (32%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4127, 0.3511, 0.4069 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 43.4127, 0.3511, 0.4069 by changing the saturation by 10% instead.


 43.4127, 0.3511,
0.4069


 43.4127, 0.3511,
0.4069


360.3063, 0.3325,
0.3668

 30.2091, 0.3554,
0.4172


 80.3333, 0.3445,
0.3921

 19.9973, 0.3608,
0.4305


 104.8190, 0.3420,
0.3866

 12.3931, 0.3674,
0.4483


 133.8342, 0.3398,
0.3820

 7.0120, 0.3756,
0.4731

167.7633, 0.3380,
0.3780

 3.4696, 0.3861,
0.5110

206.9906, 0.3363,
0.3746

 1.3815, 0.4092,
0.5908

251.9006, 0.3349,

 0.2031, 0.0000,

0.3717

1.0000

302.8777, 0.3336,
0.3691

0.0000, 0.0000,
0.0000

43.4127, 0.3511,
0.4069

43.4127, 0.3511,
0.4069

42.7006, 0.3628,
0.4323

44.2188, 0.3387,
0.3811

42.0719, 0.3733,
0.4562

45.1172, 0.3262,
0.3557

41.5237, 0.3821,
0.4777


46.1139, 0.3138,
0.3312


41.0502, 0.3888,
0.4958


47.2127, 0.3019,
0.3081


40.6451, 0.3929,
0.5099


48.4170, 0.2906,
0.2866


 40.3007, 0.3946,
0.5194

 49.7303, 0.2801,
0.2669

 40.0267, 0.3943,
0.5251

 51.1558, 0.2704,
0.2489

 51.7032, 0.2702,
0.2461

 52.0486, 0.2720,
0.2466

Harmonies

Analogous

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



43.4127, 0.3846, 0.3939



43.4127, 0.3511, 0.4069



43.4127, 0.3086, 0.3960

Triad

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



43.4127, 0.3511, 0.4069



43.4127, 0.2334, 0.2840



43.4127, 0.3556, 0.2977

Complementary

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



43.4127, 0.3511, 0.4069



23.0041, 0.2664, 0.2417

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.



43.4127, 0.3121, 0.2726



43.4127, 0.3511, 0.4069



43.4127, 0.2437, 0.2634

Square

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



43.4127, 0.3511, 0.4069



43.4127, 0.2422, 0.3199



43.4127, 0.2715, 0.2601



43.4127, 0.3883, 0.3307

Rectangle

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



43.4127, 0.3511, 0.4069



43.4127, 0.2812, 0.3755



43.4127, 0.2715, 0.2601



43.4127, 0.3416, 0.2882

Sweetspot

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



43.4146, 0.3511, 0.4069



81.1016, 0.3240, 0.3512



27.9446, 0.3781, 0.3400



17.4757, 0.3258, 0.3548



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



43.4146, 0.3511, 0.4069



76.8759, 0.3590, 0.4240



40.6022, 0.3260, 0.4136



9.8438, 0.3242, 0.3517



27.6148, 0.3947, 0.5248



0.8857, 0.4020, 0.5190

Inverse Universe

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



23.0041, 0.2664, 0.2417



34.5888, 0.2542, 0.2196



25.5368, 0.2943, 0.2483



8.2866, 0.3006, 0.3056



2.4695, 0.1565, 0.0636



0.0959, 0.1774, 0.0751

Previews

White Background



This preview shows how the Yxy color 43.4127, 0.3511, 0.4069 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 43.4127, 0.3511, 0.4069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

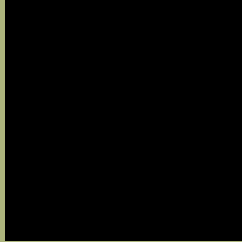
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4127, 0.3511, 0.4069

Background



This preview shows how black text looks on a background with the Yxy color 43.4127, 0.3511, 0.4069.



This preview shows how white text looks on a background with the Yxy color 43.4127, 0.3511, 0.4069.

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

43.4127, 0.3511, 0.4069

Protanopia

43.4279, 0.3709, 0.3993

Deuteranopia

42.9737, 0.3876, 0.3793



Tritanopia

43.2988, 0.3083, 0.3107

Trichromacy



Original Color

43.4127, 0.3511, 0.4069

Protanomaly

43.4864, 0.3634, 0.4019

Deuteranomaly

43.0215, 0.3735, 0.3893

Tritanomaly

43.1960, 0.3244, 0.3453

Monochromacy



Original Color

43.4127, 0.3511, 0.4069

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.7972, 0.3267, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4127, 0.3511, 0.4069 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(173, 181, 125)` looks like.

```
.text, #text, p{  
    color:rgb(173, 181, 125)  
}
```

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(173, 181, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 181, 125) }
```

Border

The CSS property to change the border of an element to Yxy 43.4127, 0.3511, 0.4069 is called "border". The border property can be set on classes, ids or directly on the HTML element.

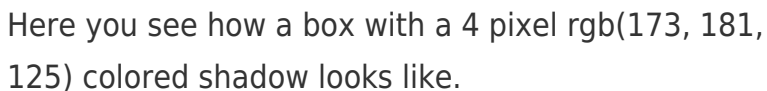
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 181, 125) }
```

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

```
.border{ border-color:rgb(173, 181, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 181, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 181, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 181, 125); box-shadow:4px 4px 4px 4px rgb(173, 181, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4127, 0.3511, 0.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 181, 125) }
```

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

```
.background{ background-color: rgb(173,  
181, 125) }
```

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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