

Converting Colors

$Yxy(44.8358, 0.3486, 0.4088)$

Have a look what the booklet for
Yxy(44.8358, 0.3486, 0.4088)
contains.

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Color

Yxy(44.6975, 0.3486, 0.4078)

Conversions

Conversions Part 1

Format	Color
Hex	ADB87F
RGB	173, 184, 127
RGB Percent	68%, 72%, 50%
CMY	0.3215, 0.2784, 0.5019
CMYK	0.06, 0.00, 0.31, 0.28
HSL	72°, 29%, 61%
HSV	72°, 31%, 72%
XYZ	38.2088, 44.6975, 26.7001
YIQ	174.2130, 11.7410, -20.0590

Conversions

Conversions Part 2

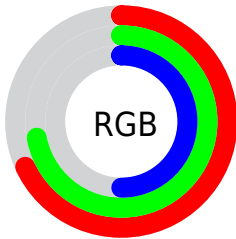
Format	Color
RYB	127, 184, 138
Decimal	11384959
CIELab	72.69, -13.28, 27.73
CIELCh	73, 30.749, 115.584
Yxy	44.6975, 0.3486, 0.4078
Android (android.graphics.Color)	4289575039 (0xFFADB87F)
YUV	174.2130, -23.2760, -1.0638
Hunter-Lab	66.8562, -14.9843, 23.1209

Details

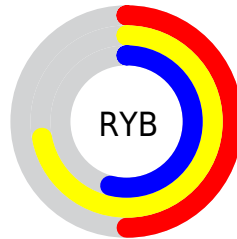
The Yxy color **44.6975, 0.3486, 0.4078** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.0495, 0.2690, 0.2421**, and the grayscale version is **42.5632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2735, 0.3427, 0.3932**, and **20.7615, 0.3577, 0.4318** is the 20% darker color. If you saturate the color by 10%, you get **43.8636, 0.3594, 0.4338**, and if you desaturate by 10%, it is **45.6337, 0.3371, 0.3816**.

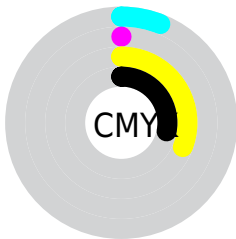
Distribution



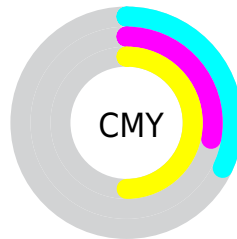
- Red (68%)
- Green (72%)
- Blue (50%)



- Red (50%)
- Yellow (72%)
- Blue (54%)



- Cyan (6%)
- Magenta (0%)
- Yellow (31%)
- Black (28%)



- Cyan (32%)
- Magenta (28%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6975, 0.3486, 0.4078 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 44.6975, 0.3486, 0.4078 by changing the saturation by 10% instead.


 44.6975, 0.3486,
0.4078


 44.6975, 0.3486,
0.4078


365.5470, 0.3314,
0.3673

 31.2192, 0.3526,
0.4182


 82.2663, 0.3426,
0.3929

 20.7658, 0.3574,
0.4315


 107.1256, 0.3402,
0.3873

 12.9529, 0.3634,
0.4494


 136.5474, 0.3382,
0.3827

 7.3962, 0.3706,
0.4743

170.9160, 0.3365,
0.3787

 3.7111, 0.3789,
0.5113

210.6159, 0.3349,
0.3752

 1.5133, 0.4033,
0.5967

256.0314, 0.3336,

 0.2981, 0.0000,

0.3723

1.0000

307.5470, 0.3324,
0.3696

0.0000, 0.0000,
0.0000

44.6975, 0.3486,
0.4078

44.6975, 0.3486,
0.4078

43.8636, 0.3594,
0.4338

45.6337, 0.3371,
0.3816

43.1212, 0.3690,
0.4585

46.6708, 0.3254,
0.3559

42.4670, 0.3769,
0.4810


47.8150, 0.3138,
0.3313


41.8950, 0.3827,
0.5001


49.0701, 0.3026,
0.3082

41.3987, 0.3860,
0.5151


50.4400, 0.2920,
0.2868


 40.9699, 0.3867,
0.5256

 51.9281, 0.2821,
0.2672

 40.6262, 0.3856,
0.5320

 53.4847, 0.2734,
0.2502

 53.9718, 0.2759,
0.2507

 54.4702, 0.2784,
0.2513

Harmonies

Analogous

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



44.6975, 0.3835, 0.3961



44.6975, 0.3486, 0.4078



44.6975, 0.3055, 0.3950

Triad

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



44.6975, 0.3486, 0.4078



44.6975, 0.2327, 0.2815



44.6975, 0.3589, 0.2996

Complementary

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



44.6975, 0.3486, 0.4078



24.0495, 0.2690, 0.2421

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.



44.6975, 0.3152, 0.2735



44.6975, 0.3486, 0.4078



44.6975, 0.2444, 0.2620

Square

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



44.6975, 0.3486, 0.4078



44.6975, 0.2403, 0.3168



44.6975, 0.2736, 0.2599



44.6975, 0.3907, 0.3331

Rectangle

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



44.6975, 0.3486, 0.4078



44.6975, 0.2782, 0.3733



44.6975, 0.2736, 0.2599



44.6975, 0.3449, 0.2898

Sweetspot

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



44.6995, 0.3486, 0.4078



84.9669, 0.3233, 0.3513



29.7483, 0.3771, 0.3440



18.2548, 0.3250, 0.3550



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



44.6995, 0.3486, 0.4078



80.0039, 0.3559, 0.4252



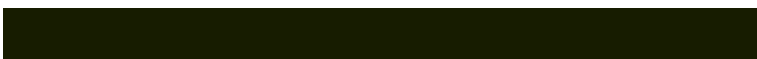
41.8391, 0.3236, 0.4145



10.4136, 0.3235, 0.3518



28.0291, 0.3861, 0.5317



1.0109, 0.3952, 0.5244

Inverse Universe

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



24.0495, 0.2690, 0.2421



36.7466, 0.2575, 0.2204



26.7481, 0.2972, 0.2487



8.8006, 0.3013, 0.3056



2.6608, 0.1601, 0.0656



0.1190, 0.1844, 0.0789

Previews

White Background



This preview shows how the Yxy color 44.6975, 0.3486, 0.4078 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 44.6975, 0.3486, 0.4078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

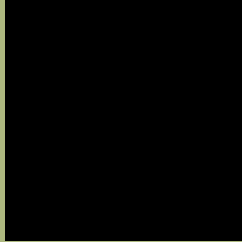
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6975, 0.3486, 0.4078

Background



This preview shows how black text looks on a background with the Yxy color 44.6975, 0.3486, 0.4078.



This preview shows how white text looks on a background with the Yxy color 44.6975, 0.3486, 0.4078.

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

44.6975, 0.3486, 0.4078

Protanopia

44.5025, 0.3711, 0.3999

Deuteranopia

44.5864, 0.3873, 0.3799



Tritanopia

44.5921, 0.3058, 0.3108

Trichromacy



Original Color

44.6975, 0.3486, 0.4078

Protanomaly

44.4375, 0.3628, 0.4027

Deuteranomaly

44.5060, 0.3725, 0.3899

Tritanomaly

44.4952, 0.3216, 0.3452

Monochromacy



Original Color

44.6975, 0.3486, 0.4078

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.2738, 0.3264, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6975, 0.3486, 0.4078 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, 184, 127)` looks like.

```
.text, #text, p{  
    color:rgb(173, 184, 127)  
}
```

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, 184, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 184, 127) }
```

Border

The CSS property to change the border of an element to Yxy 44.6975, 0.3486, 0.4078 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, 184, 127) }
```

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

```
.border{ border-color:rgb(173, 184, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 184, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 184, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 184, 127); box-shadow:4px 4px 4px 4px rgb(173, 184, 127) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6975, 0.3486, 0.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 184, 127) }
```

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

```
.background{ background-color: rgb(173,  
184, 127) }
```

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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