

Converting Colors

$Yxy(44.8809, 0.3408, 0.4050)$

Have a look what the booklet for
Yxy(44.8809, 0.3408, 0.4050)
contains.

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Color

Yxy(44.6614, 0.3406, 0.4047)

Conversions

Conversions Part 1

Format	Color
Hex	A8B983
RGB	168, 185, 131
RGB Percent	66%, 73%, 51%
CMY	0.3413, 0.2745, 0.4863
CMYK	0.09, 0.00, 0.29, 0.27
HSL	79°, 28%, 62%
HSV	79°, 29%, 73%
XYZ	37.5875, 44.6614, 28.1079
YIQ	173.7610, 7.2020, -20.3980

Conversions

Conversions Part 2

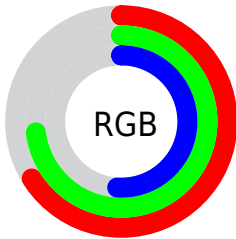
Format	Color
R_{YB}	131, 185, 148
Decimal	11057539
CIE Lab	72.67, -15.19, 25.53
CIE LCh	73, 29.706, 120.746
Yxy	44.6614, 0.3406, 0.4047
Android (android.graphics.Color)	4289247619 (0xFFA8B983)
YUV	173.7610, -21.0812, -5.0524
Hunter-Lab	66.8292, -16.5552, 21.8435

Details

The Yxy color **44.6614, 0.3406, 0.4047** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.0331, 0.2783, 0.2491**, and the grayscale version is **42.3033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2186, 0.3365, 0.3905**, and **20.7414, 0.3469, 0.4281** is the 20% darker color. If you saturate the color by 10%, you get **43.5792, 0.3494, 0.4322**, and if you desaturate by 10%, it is **45.8659, 0.3312, 0.3776**.

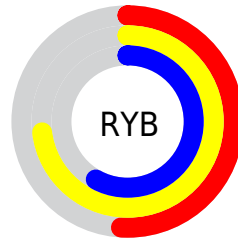
Distribution



Red (66%)

Green (73%)

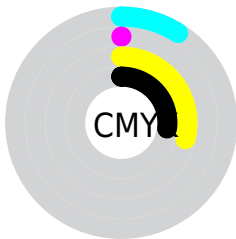
Blue (51%)



Red (51%)

Yellow (73%)

Blue (58%)

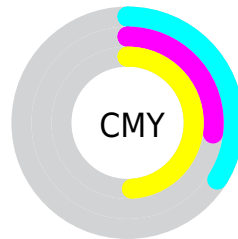


Cyan (9%)

Magenta (0%)

Yellow (29%)

Black (27%)



Cyan (34%)


Magenta (27%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6614, 0.3406, 0.4047 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 44.6614, 0.3406, 0.4047 by changing the saturation by 10% instead.

 44.6614, 0.3406,
0.4047


 44.6614, 0.3406,
0.4047


365.4005, 0.3273,
0.3656


 31.1908, 0.3436,
0.4148


 82.2121, 0.3360,
0.3902

 20.7442, 0.3473,
0.4279


 107.0609, 0.3342,
0.3849

 12.9371, 0.3517,
0.4456


 136.4714, 0.3326,
0.3804

 7.3853, 0.3569,
0.4705

170.8277, 0.3313,
0.3765

 3.7042, 0.3623,
0.5078

210.5144, 0.3301,
0.3732

 1.5095, 0.3907,
0.6093

255.9158, 0.3291,

 0.2954, 0.0000,

0.3704

1.0000

307.4164, 0.3282,
0.3678

0.0000, 0.0000,
0.0000

44.6614, 0.3406,
0.4047

44.6614, 0.3406,
0.4047

43.5792, 0.3494,
0.4322

45.8659, 0.3312,
0.3776

42.6083, 0.3570,
0.4591

47.1915, 0.3215,
0.3516

41.7451, 0.3631,
0.4843

48.6448, 0.3120,
0.3271

40.9833, 0.3671,
0.5066

50.2299, 0.3027,
0.3044

40.3160, 0.3687,
0.5250

51.9509, 0.2938,
0.2837

■ 39.7351, 0.3679,
0.5386

■ 53.8116, 0.2855,
0.2649

■ 39.2260, 0.3649,
0.5479

■ 55.4563, 0.2813,
0.2530

■ 39.1870, 0.3647,
0.5486

■ 56.3229, 0.2855,
0.2539

■ 57.2211, 0.2898,
0.2549

Harmonies

Analogous

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



44.6614, 0.3765, 0.3973



44.6614, 0.3406, 0.4047



44.6614, 0.2988, 0.3880

Triad

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



44.6614, 0.3406, 0.4047



44.6614, 0.2358, 0.2787



44.6614, 0.3638, 0.3058

Complementary

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



44.6614, 0.3406, 0.4047



26.0331, 0.2783, 0.2491

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.



44.6614, 0.3227, 0.2788



44.6614, 0.3406, 0.4047



44.6614, 0.2503, 0.2626

Square

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



44.6614, 0.3406, 0.4047



44.6614, 0.2400, 0.3107



44.6614, 0.2812, 0.2632



44.6614, 0.3912, 0.3390

Rectangle

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



44.6614, 0.3406, 0.4047



44.6614, 0.2732, 0.3652



44.6614, 0.2812, 0.2632



44.6614, 0.3510, 0.2958

Sweetspot

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



44.6634, 0.3406, 0.4047



84.5176, 0.3215, 0.3514



32.8834, 0.3700, 0.3519



18.1431, 0.3229, 0.3551



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.



44.6634, 0.3406, 0.4047



78.7164, 0.3463, 0.4222



42.0753, 0.3177, 0.4104



10.3574, 0.3217, 0.3519



26.7182, 0.3654, 0.5481



0.9733, 0.3798, 0.5366

Inverse Universe

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



26.0331, 0.2783, 0.2491



39.9648, 0.2691, 0.2293



28.7561, 0.3048, 0.2550



8.8533, 0.3032, 0.3057



3.0405, 0.1733, 0.0729



0.1412, 0.2039, 0.0897

Previews

White Background



This preview shows how the Yxy color 44.6614, 0.3406, 0.4047 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 44.6614, 0.3406, 0.4047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

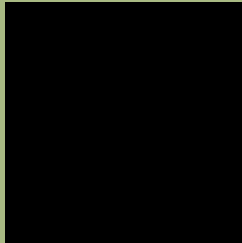
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6614, 0.3406, 0.4047

Background



This preview shows how black text looks on a background with the Yxy color 44.6614, 0.3406, 0.4047.



This preview shows how white text looks on a background with the Yxy color 44.6614, 0.3406, 0.4047.

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

44.6614, 0.3406, 0.4047

Protanopia

44.6058, 0.3677, 0.3947

Deuteranopia

44.5487, 0.3827, 0.3751



Tritanopia

44.4360, 0.3008, 0.3106

Trichromacy



Original Color

44.6614, 0.3406, 0.4047

Protanomaly

44.7000, 0.3573, 0.3991

Deuteranomaly

44.3462, 0.3671, 0.3852

Tritanomaly

44.3913, 0.3155, 0.3439

Monochromacy



Original Color

44.6614, 0.3406, 0.4047

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.0801, 0.3238, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6614, 0.3406, 0.4047 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(168, 185, 131)` looks like.

```
.text, #text, p{  
    color:rgb(168, 185, 131)  
}
```

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(168, 185, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 185, 131) }
```

Border

The CSS property to change the border of an element to Yxy 44.6614, 0.3406, 0.4047 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(168, 185, 131) }
```

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

```
.border{ border-color:rgb(168, 185, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 185, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 185, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 185, 131);  
box-shadow:4px 4px 4px 4px rgb(168, 185,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6614, 0.3406, 0.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 185, 131) }
```

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

```
.background{ background-color: rgb(168,  
185, 131) }
```

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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