

Converting Colors

$Yxy(43.8878, 0.3408, 0.4084)$

Have a look what the booklet for
Yxy(43.8878, 0.3408, 0.4084)
contains.

Yxy(43.8388, 0.3405, 0.4084)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.8388, 0.3405, 0.4084)

Conversions

Conversions Part 1

Format	Color
Hex	A5B880
RGB	165, 184, 128
RGB Percent	65%, 72%, 50%
CMY	0.3530, 0.2784, 0.4981
CMYK	0.10, 0.00, 0.30, 0.28
HSL	80°, 28%, 61%
HSV	80°, 30%, 72%
XYZ	36.5502, 43.8388, 26.9538
YIQ	171.9350, 6.6520, -21.4440

Conversions

Conversions Part 2

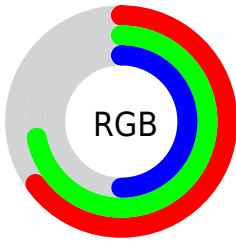
Format	Color
RYB	128, 184, 147
Decimal	10860672
CIELab	72.12, -16.23, 26.35
CIELCh	72, 30.952, 121.632
Yxy	43.8388, 0.3405, 0.4084
Android (android.graphics.Color)	4289050752 (0xFFA5B880)
YUV	171.9350, -21.6600, -6.0820
Hunter-Lab	66.2109, -17.3321, 22.2113

Details

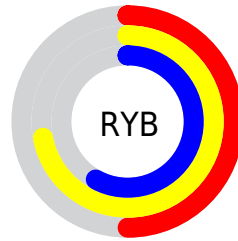
The Yxy color **43.8388, 0.3405, 0.4084** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.1021, 0.2779, 0.2456**, and the grayscale version is **41.3284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0285, 0.3364, 0.3932**, and **20.2274, 0.3466, 0.4335** is the 20% darker color. If you saturate the color by 10%, you get **42.7454, 0.3487, 0.4361**, and if you desaturate by 10%, it is **45.0567, 0.3316, 0.3810**.

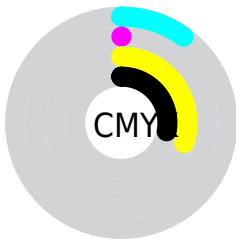
Distribution



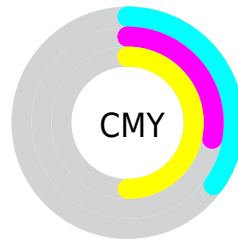
- Red (65%)
- Green (72%)
- Blue (50%)



- Red (50%)
- Yellow (72%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (30%)
- Black (28%)




- Cyan (35%)
- Magenta (28%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8388, 0.3405, 0.4084 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 43.8388, 0.3405, 0.4084 by changing the saturation by 10% instead.


 43.8388, 0.3405,
0.4084

 43.8388, 0.3405,
0.4084


362.0501, 0.3273,
0.3672


 30.5438, 0.3435,
0.4191


 80.9751, 0.3359,
0.3931

 20.2517, 0.3470,
0.4330


 105.5852, 0.3342,
0.3875

 12.5781, 0.3512,
0.4518


 134.7358, 0.3326,
0.3827

 7.1387, 0.3561,
0.4784

168.8113, 0.3313,
0.3787

 3.5490, 0.3609,
0.5187

208.1961, 0.3301,
0.3752

 1.4246, 0.3817,
0.6183

253.2746, 0.3291,

 0.2348, 0.0000,

0.3722

1.0000

304.4311, 0.3282,
0.3695

0.0000, 0.0000,
0.0000

43.8388, 0.3405,
0.4084

43.8388, 0.3405,
0.4084

42.7454, 0.3487,
0.4361

45.0567, 0.3316,
0.3810

41.7655, 0.3558,
0.4633

46.3981, 0.3223,
0.3548

40.8954, 0.3612,
0.4886

47.8696, 0.3131,
0.3301


40.1287, 0.3646,
0.5110

49.4754, 0.3042,
0.3072


39.4584, 0.3655,
0.5293

51.2195, 0.2956,
0.2863

 38.8762, 0.3640,
0.5427

 53.1060, 0.2875,
0.2673

 38.3865, 0.3608,
0.5518

 55.0220, 0.2812,
0.2519

 55.9502, 0.2857,
0.2529

 56.9146, 0.2903,
0.2539

Harmonies

Analogous

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



43.8388, 0.3785, 0.4010



43.8388, 0.3405, 0.4084



43.8388, 0.2967, 0.3902

Triad

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



43.8388, 0.3405, 0.4084



43.8388, 0.2326, 0.2755



43.8388, 0.3674, 0.3056

Complementary

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



43.8388, 0.3405, 0.4084



25.1021, 0.2779, 0.2456

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.



43.8388, 0.3244, 0.2773



43.8388, 0.3405, 0.4084



43.8388, 0.2482, 0.2594

Square

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



43.8388, 0.3405, 0.4084



43.8388, 0.2363, 0.3084



43.8388, 0.2808, 0.2606



43.8388, 0.3956, 0.3404

Rectangle

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



43.8388, 0.3405, 0.4084



43.8388, 0.2702, 0.3658



43.8388, 0.2808, 0.2606



43.8388, 0.3540, 0.2952

Sweetspot

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



43.8407, 0.3405, 0.4084



84.4304, 0.3211, 0.3515



32.5130, 0.3723, 0.3555



18.1215, 0.3225, 0.3552



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.



43.8407, 0.3405, 0.4084



78.0174, 0.3465, 0.4283



41.1896, 0.3163, 0.4147



10.3465, 0.3213, 0.3519



26.4926, 0.3615, 0.5512



0.9666, 0.3768, 0.5390

Inverse Universe

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



25.1021, 0.2779, 0.2456



38.2507, 0.2677, 0.2233



27.9734, 0.3063, 0.2522



8.8638, 0.3036, 0.3057



3.1376, 0.1766, 0.0747



0.1456, 0.2075, 0.0917

Previews

White Background



This preview shows how the Yxy color 43.8388, 0.3405, 0.4084 looks on a white background.

Color Contrast Check

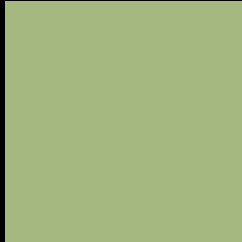
Large Text (above 18pt) WCAG AA × Fail

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 43.8388, 0.3405, 0.4084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

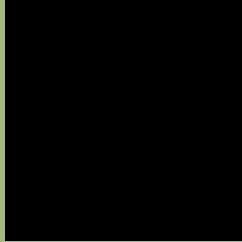
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8388, 0.3405, 0.4084

Background



This preview shows how black text looks on a background with the Yxy color 43.8388, 0.3405, 0.4084.



This preview shows how white text looks on a background with the Yxy color 43.8388, 0.3405, 0.4084.

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

43.8388, 0.3405, 0.4084

Protanopia

43.4785, 0.3692, 0.3967

Deuteranopia

43.4245, 0.3844, 0.3768



Tritanopia

43.7670, 0.2999, 0.3105

Trichromacy



Original Color

43.8388, 0.3405, 0.4084

Protanomaly

43.5703, 0.3586, 0.4012

Deuteranomaly

43.0903, 0.3676, 0.3872

Tritanomaly

43.6881, 0.3154, 0.3455

Monochromacy



Original Color

43.8388, 0.3405, 0.4084

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.8860, 0.3230, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8388, 0.3405, 0.4084 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(165, 184, 128)` looks like.

```
.text, #text, p{  
    color:rgb(165, 184, 128)  
}
```

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(165, 184, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 184, 128) }
```

Border

The CSS property to change the border of an element to Yxy 43.8388, 0.3405, 0.4084 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(165, 184, 128) }
```

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

```
.border{ border-color:rgb(165, 184, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 184, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 184, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 184, 128);  
box-shadow:4px 4px 4px 4px rgb(165, 184,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8388, 0.3405, 0.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 184, 128) }
```

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

```
.background{ background-color: rgb(165,  
184, 128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor