

Converting Colors

$Yxy(43.0008, 0.3430, 0.4139)$

Have a look what the booklet for
Yxy(43.0008, 0.3430, 0.4139)
contains.

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Color

Yxy(43.0836, 0.3428, 0.4148)

Conversions

Conversions Part 1

Format	Color
Hex	A3B77B
RGB	163, 183, 123
RGB Percent	64%, 72%, 48%
CMY	0.3610, 0.2823, 0.5177
CMYK	0.11, 0.00, 0.33, 0.28
HSL	80°, 29%, 60%
HSV	80°, 33%, 72%
XYZ	35.6053, 43.0836, 25.1771
YIQ	170.1800, 7.3400, -22.9000

Conversions

Conversions Part 2

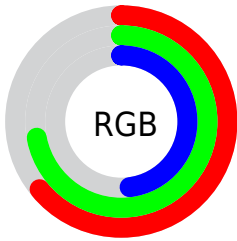
Format	Color
RYB	123, 183, 143
Decimal	10729339
CIELab	71.61, -17.20, 28.30
CIELCh	72, 33.115, 121.292
Yxy	43.0836, 0.3428, 0.4148
Android (android.graphics.Color)	4288919419 (0xFFA3B77B)
YUV	170.1800, -23.2597, -6.2969
Hunter-Lab	65.6381, -18.0397, 23.2045

Details

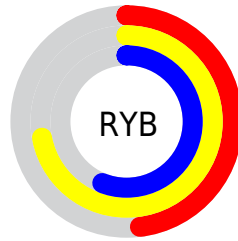
The Yxy color **43.0836, 0.3428, 0.4148** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.4305, 0.2743, 0.2383**, and the grayscale version is **40.4054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9277, 0.3383, 0.3981**, and **19.7613, 0.3496, 0.4424** is the 20% darker color. If you saturate the color by 10%, you get **42.0390, 0.3509, 0.4424**, and if you desaturate by 10%, it is **44.2489, 0.3339, 0.3873**.

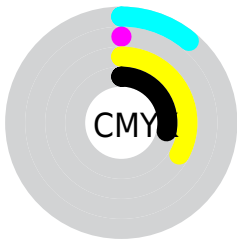
Distribution



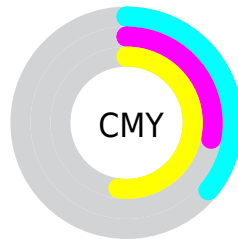
- Red (64%)
- Green (72%)
- Blue (48%)



- Red (48%)
- Yellow (72%)
- Blue (56%)



- Cyan (11%)
- Magenta (0%)
- Yellow (33%)
- Black (28%)




- Cyan (36%)
- Magenta (28%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0836, 0.3428, 0.4148 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 43.0836, 0.3428, 0.4148 by changing the saturation by 10% instead.

 43.0836, 0.3428,
0.4148


 43.0836, 0.3428,
0.4148


358.9555, 0.3286,
0.3701


 29.9507, 0.3459,
0.4264


 79.8370, 0.3379,
0.3982

 19.8012, 0.3497,
0.4416


 104.2263, 0.3360,
0.3921

 12.2506, 0.3540,
0.4620


 133.1365, 0.3343,
0.3869

 6.9146, 0.3588,
0.4908

166.9521, 0.3329,
0.3826

 3.4087, 0.3645,
0.5368

206.0574, 0.3316,
0.3788

 1.3487, 0.3729,
0.6271

250.8368, 0.3305,

 0.1784, 0.0000,

0.3755

1.0000

301.6747, 0.3295,
0.3727

0.0000, 0.0000,
0.0000

43.0836, 0.3428,
0.4148

43.0836, 0.3428,
0.4148

42.0390, 0.3509,
0.4424

44.2489, 0.3339,
0.3873

41.1043, 0.3577,
0.4691

45.5341, 0.3246,
0.3608

40.2756, 0.3628,
0.4938

46.9456, 0.3153,
0.3357

39.5465, 0.3657,
0.5152

48.4877, 0.3062,
0.3124

38.9100, 0.3661,
0.5323

50.1644, 0.2974,
0.2910

 38.3574, 0.3641,
0.5445

 51.9796, 0.2892,
0.2716

 37.9992, 0.3617,
0.5510

 53.9369, 0.2815,
0.2540

 55.0766, 0.2834,
0.2513

 56.0027, 0.2879,
0.2523

Harmonies

Analogous

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



43.0836, 0.3836, 0.4060



43.0836, 0.3428, 0.4148



43.0836, 0.2958, 0.3957

Triad

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



43.0836, 0.3428, 0.4148



43.0836, 0.2270, 0.2717



43.0836, 0.3711, 0.3034

Complementary

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



43.0836, 0.3428, 0.4148



23.4305, 0.2743, 0.2383

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.



43.0836, 0.3246, 0.2734



43.0836, 0.3428, 0.4148



43.0836, 0.2433, 0.2545

Square

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



43.0836, 0.3428, 0.4148



43.0836, 0.2310, 0.3070



43.0836, 0.2779, 0.2558



43.0836, 0.4018, 0.3403

Rectangle

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



43.0836, 0.3428, 0.4148



43.0836, 0.2674, 0.3693



43.0836, 0.2779, 0.2558



43.0836, 0.3566, 0.2924

Sweetspot

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



43.0855, 0.3428, 0.4148



82.1759, 0.3222, 0.3540



31.1457, 0.3781, 0.3576



18.0741, 0.3235, 0.3576



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.



43.0855, 0.3428, 0.4148



75.8437, 0.3485, 0.4338



40.2908, 0.3164, 0.4223



10.3489, 0.3214, 0.3519



26.5421, 0.3623, 0.5505



0.9681, 0.3775, 0.5385

Inverse Universe

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



23.4305, 0.2743, 0.2383



35.4523, 0.2643, 0.2169



26.4710, 0.3057, 0.2462



8.8614, 0.3035, 0.3057



3.1153, 0.1759, 0.0742



0.1446, 0.2067, 0.0913

Previews

White Background



This preview shows how the Yxy color 43.0836, 0.3428, 0.4148 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 43.0836, 0.3428, 0.4148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

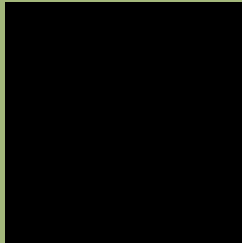
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

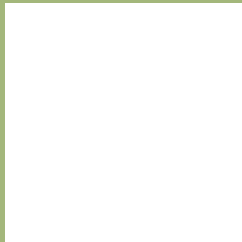
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0836, 0.3428, 0.4148

Background



This preview shows how black text looks on a background with the Yxy color 43.0836, 0.3428, 0.4148.



This preview shows how white text looks on a background with the Yxy color 43.0836, 0.3428, 0.4148.

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

43.0836, 0.3428, 0.4148

Protanopia

42.8348, 0.3729, 0.4023

Deuteranopia

42.9215, 0.3894, 0.3818



Tritanopia

43.1047, 0.2990, 0.3103

Trichromacy



Original Color

43.0836, 0.3428, 0.4148

Protanomaly

42.9246, 0.3621, 0.4069

Deuteranomaly

42.5743, 0.3724, 0.3926

Tritanomaly

42.9924, 0.3154, 0.3470

Monochromacy



Original Color

43.0836, 0.3428, 0.4148

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.1753, 0.3238, 0.3602

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0836, 0.3428, 0.4148 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(163, 183, 123)` looks like.

```
.text, #text, p{  
    color:rgb(163, 183, 123)  
}
```

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(163, 183, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 183, 123) }
```

Border

The CSS property to change the border of an element to Yxy 43.0836, 0.3428, 0.4148 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(163, 183, 123) }
```

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

```
.border{ border-color:rgb(163, 183, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 183, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 183, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 183, 123);  
box-shadow:4px 4px 4px 4px rgb(163, 183,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0836, 0.3428, 0.4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 183, 123) }
```

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

```
.background{ background-color: rgb(163,  
183, 123) }
```

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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