

Converting Colors

$Yxy(44.9961, 0.3414, 0.4101)$

Have a look what the booklet for
Yxy(44.9961, 0.3414, 0.4101)
contains.

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Color

Yxy(44.8918, 0.3418, 0.4103)

Conversions

Conversions Part 1

Format	Color
Hex	A7BA80
RGB	167, 186, 128
RGB Percent	65%, 73%, 50%
CMY	0.3450, 0.2706, 0.4979
CMYK	0.10, 0.00, 0.31, 0.27
HSL	80°, 30%, 62%
HSV	80°, 31%, 73%
XYZ	37.3971, 44.8918, 27.1233
YIQ	173.7070, 7.2940, -22.0660

Conversions

Conversions Part 2

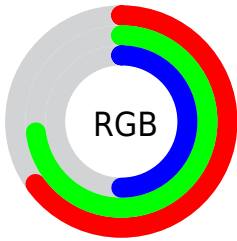
Format	Color
RYB	128, 186, 147
Decimal	10992256
CIELab	72.82, -16.46, 27.30
CIElCh	73, 31.878, 121.095
Yxy	44.8918, 0.3418, 0.4103
Android (android.graphics.Color)	4289182336 (0xFFA7BA80)
YUV	173.7070, -22.5336, -5.8820
Hunter-Lab	67.0013, -17.6219, 22.8994

Details

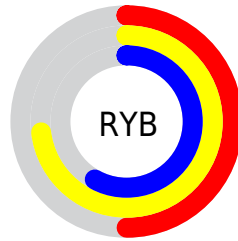
The Yxy color **44.8918, 0.3418, 0.4103** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.1914, 0.2762, 0.2431**, and the grayscale version is **42.2882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5284, 0.3375, 0.3949**, and **20.9025, 0.3482, 0.4358** is the 20% darker color. If you saturate the color by 10%, you get **43.8005, 0.3502, 0.4379**, and if you desaturate by 10%, it is **46.1080, 0.3327, 0.3830**.

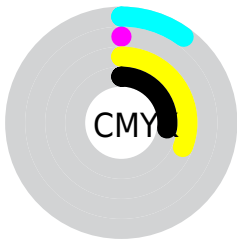
Distribution



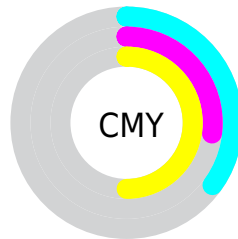
- Red (65%)
- Green (73%)
- Blue (50%)



- Red (50%)
- Yellow (73%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (31%)
- Black (27%)





- Cyan (35%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8918, 0.3418, 0.4103 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 44.8918, 0.3418, 0.4103 by changing the saturation by 10% instead.


 44.8918, 0.3418,
0.4103

 44.8918, 0.3418,
0.4103


366.3352, 0.3281,
0.3683


 31.3722, 0.3449,
0.4211

 82.5580, 0.3371,
0.3948

 20.8824, 0.3485,
0.4352


 107.4734, 0.3352,
0.3890

 13.0381, 0.3529,
0.4541


 136.9563, 0.3336,
0.3842

 7.4548, 0.3578,
0.4807

171.3909, 0.3322,
0.3800

 3.7481, 0.3626,
0.5205

211.1617, 0.3310,
0.3765

 1.5337, 0.3829,
0.6171

256.6531, 0.3299,

 0.3123, 0.0000,

0.3734

1.0000

308.2494, 0.3289,
0.3707

■ 0.0000, 0.0000,
0.0000

■ 44.8918, 0.3418,
0.4103

■ 44.8918, 0.3418,
0.4103

■ 43.8005, 0.3502,
0.4379

■ 46.1080, 0.3327,
0.3830

■ 42.8229, 0.3574,
0.4648

■ 47.4482, 0.3232,
0.3566

■ 41.9551, 0.3629,
0.4897


■ 48.9190, 0.3138,
0.3318


■ 41.1907, 0.3662,
0.5116


■ 50.5247, 0.3046,
0.3088


■ 40.5224, 0.3672,
0.5292


■ 52.2695, 0.2959,
0.2877


 39.9416, 0.3656,
0.5421

 54.1573, 0.2876,
0.2685

 39.4868, 0.3628,
0.5502

 55.9828, 0.2819,
0.2542

 56.8910, 0.2863,
0.2552

 57.8335, 0.2908,
0.2561

Harmonies

Analogous

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



44.8918, 0.3804, 0.4022



44.8918, 0.3418, 0.4103



44.8918, 0.2971, 0.3922

Triad

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



44.8918, 0.3418, 0.4103



44.8918, 0.2309, 0.2748



44.8918, 0.3679, 0.3045

Complementary

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



44.8918, 0.3418, 0.4103



25.1914, 0.2762, 0.2431

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.



44.8918, 0.3238, 0.2758



44.8918, 0.3418, 0.4103



44.8918, 0.2465, 0.2581

Square

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



44.8918, 0.3418, 0.4103



44.8918, 0.2349, 0.3086



44.8918, 0.2794, 0.2591



44.8918, 0.3971, 0.3398

Rectangle

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



44.8918, 0.3418, 0.4103



44.8918, 0.2699, 0.3674



44.8918, 0.2794, 0.2591



44.8918, 0.3541, 0.2939

Sweetspot

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



44.8938, 0.3418, 0.4103



86.5263, 0.3213, 0.3515



32.6731, 0.3745, 0.3548



18.9714, 0.3227, 0.3552



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



44.8938, 0.3418, 0.4103



80.0753, 0.3473, 0.4281



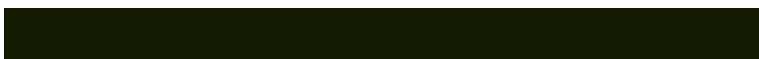
42.1342, 0.3171, 0.4170



10.3522, 0.3215, 0.3519



26.6088, 0.3635, 0.5496



0.9701, 0.3784, 0.5378

Inverse Universe

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



25.1914, 0.2762, 0.2431



39.0214, 0.2667, 0.2230



28.1458, 0.3051, 0.2500



8.8583, 0.3034, 0.3057



3.0861, 0.1749, 0.0737



0.1433, 0.2057, 0.0907

Previews

White Background



This preview shows how the Yxy color 44.8918, 0.3418, 0.4103 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 44.8918, 0.3418, 0.4103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

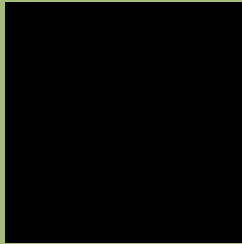
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8918, 0.3418, 0.4103

Background



This preview shows how black text looks on a background with the Yxy color 44.8918, 0.3418, 0.4103.



This preview shows how white text looks on a background with the Yxy color 44.8918, 0.3418, 0.4103.

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

44.8918, 0.3418, 0.4103

Protanopia

44.6589, 0.3712, 0.3984

Deuteranopia

44.6134, 0.3864, 0.3787



Tritanopia

44.8767, 0.3000, 0.3106

Trichromacy



Original Color

44.8918, 0.3418, 0.4103

Protanomaly

44.7445, 0.3607, 0.4029

Deuteranomaly

44.2645, 0.3697, 0.3891

Tritanomaly

44.7966, 0.3154, 0.3453

Monochromacy



Original Color

44.8918, 0.3418, 0.4103

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.9330, 0.3237, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8918, 0.3418, 0.4103 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(167, 186, 128)` looks like.

```
.text, #text, p{  
    color:rgb(167, 186, 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(167, 186, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 186, 128) }
```

Border

The CSS property to change the border of an element to Yxy 44.8918, 0.3418, 0.4103 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(167, 186, 128) }
```

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

```
.border{ border-color:rgb(167, 186, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 186, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 186, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 186, 128);  
box-shadow:4px 4px 4px 4px rgb(167, 186,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8918, 0.3418, 0.4103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 186, 128) }
```

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

```
.background{ background-color: rgb(167,  
186, 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](#).

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