

Converting Colors

$Yxy(47.9857, 0.3003, 0.3818)$

Have a look what the booklet for
Yxy(47.9857, 0.3003, 0.3818)
contains.

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Color

Yxy(48.0941, 0.3003, 0.3816)

Conversions

Conversions Part 1

Format	Color
Hex	92C49F
RGB	146, 196, 159
RGB Percent	57%, 77%, 62%
CMY	0.4276, 0.2313, 0.3764
CMYK	0.26, 0.00, 0.19, 0.23
HSL	136°, 30%, 67%
HSV	136°, 26%, 77%
XYZ	37.8476, 48.0941, 40.0910
YIQ	176.8320, -17.9230, -22.1070

Conversions

Conversions Part 2

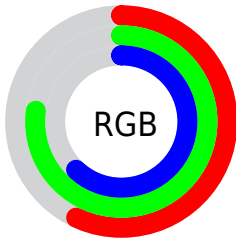
Format	Color
RYB	146, 186, 196
Decimal	9618591
CIELab	74.88, -23.89, 13.35
CIELCh	75, 27.369, 150.808
Yxy	48.0941, 0.3003, 0.3816
Android (android.graphics.Color)	4287808671 (0xFF92C49F)
YUV	176.8320, -8.7912, -27.0397
Hunter-Lab	69.3499, -23.9462, 14.2695

Details

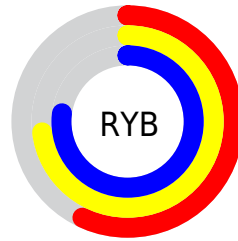
The Yxy color **48.0941, 0.3003, 0.3816** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.7022, 0.3280, 0.2816**, and the grayscale version is **43.9254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5231, 0.3028, 0.3715**, and **22.8084, 0.2956, 0.3967** is the 20% darker color. If you saturate the color by 10%, you get **45.9776, 0.2958, 0.4063**, and if you desaturate by 10%, it is **50.5816, 0.3051, 0.3591**.

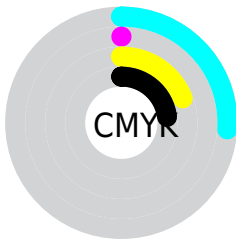
Distribution



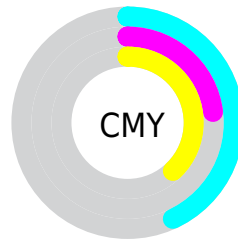
- Red (57%)
- Green (77%)
- Blue (62%)



- Red (57%)
- Yellow (73%)
- Blue (77%)



- Cyan (26%)
- Magenta (0%)
- Yellow (19%)
- Black (23%)




- Cyan (43%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0941, 0.3003, 0.3816 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 48.0941, 0.3003, 0.3816 by changing the saturation by 10% instead.


 48.0941, 0.3003,
0.3816


 48.0941, 0.3003,
0.3816


379.1650, 0.3069,
0.3545

 33.9014, 0.2985,
0.3886


 87.3445, 0.3028,
0.3716

 22.8179, 0.2961,
0.3978


 113.1710, 0.3037,
0.3679

 14.4591, 0.2928,
0.4102


143.6442, 0.3045,
0.3648

 8.4407, 0.2879,
0.4281

179.1485, 0.3051,
0.3621

 4.3782, 0.2798,
0.4558

220.0684, 0.3057,
0.3598

 1.8873, 0.2650,
0.5047

266.7882, 0.3061,

 0.5407, 0.0000,

0.3578

1.0000

319.6922, 0.3066,
0.3561

0.0000, 0.0000,
0.0000

48.0941, 0.3003,
0.3816

48.0941, 0.3003,
0.3816

45.9776, 0.2958,
0.4063

50.5816, 0.3051,
0.3591

44.2082, 0.2919,
0.4330

53.4506, 0.3100,
0.3391

42.7688, 0.2889,
0.4609


56.7186, 0.3149,
0.3214


41.6383, 0.2871,
0.4890

60.4002, 0.3196,
0.3058

40.7928, 0.2867,
0.5160

64.5092, 0.3241,
0.2923

 40.2053, 0.2877,
0.5406

 67.3968, 0.3219,
0.2795

 39.8423, 0.2902,
0.5612

 67.9648, 0.3154,
0.2713

 39.7245, 0.2914,
0.5691

Harmonies

Analogous

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



48.0941, 0.3380, 0.3967



48.0941, 0.3003, 0.3816



48.0941, 0.2673, 0.3494

Triad

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



48.0941, 0.3003, 0.3816



48.0941, 0.2564, 0.2690



48.0941, 0.3832, 0.3385

Complementary

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



48.0941, 0.3003, 0.3816



35.7022, 0.3280, 0.2816

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.



48.0941, 0.3587, 0.3082



48.0941, 0.3003, 0.3816



48.0941, 0.2845, 0.2694

Square

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



48.0941, 0.3003, 0.3816



48.0941, 0.2431, 0.2838



48.0941, 0.3219, 0.2836



48.0941, 0.3873, 0.3685

Rectangle

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



48.0941, 0.3003, 0.3816



48.0941, 0.2520, 0.3246



48.0941, 0.3219, 0.2836



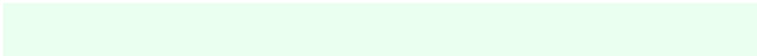
48.0941, 0.3771, 0.3281

Sweetspot

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



48.0961, 0.3003, 0.3816



95.4004, 0.3087, 0.3441



51.6878, 0.3401, 0.3943



20.2459, 0.3080, 0.3471



0.0000, 0.0000, 0.0000



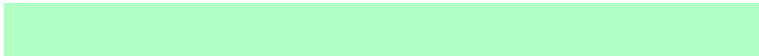
21.4041, 0.3127, 0.3290

Same Dimension

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



48.0961, 0.3003, 0.3816



84.7548, 0.2976, 0.3961



49.0325, 0.2837, 0.3462



11.3010, 0.3081, 0.3465



25.5337, 0.2908, 0.5668



1.1150, 0.2779, 0.5205

Inverse Universe

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



35.7022, 0.3280, 0.2816



58.2548, 0.3325, 0.2703



34.7696, 0.3529, 0.3126



10.2012, 0.3176, 0.3121



8.8677, 0.3991, 0.1972



0.3939, 0.3780, 0.1856

Previews

White Background



This preview shows how the Yxy color 48.0941, 0.3003, 0.3816 looks on a white background.

Color Contrast Check

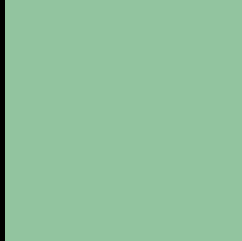
Large Text (above 18pt) WCAG AA × Fail

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 48.0941, 0.3003, 0.3816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

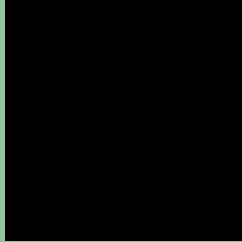
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.0941, 0.3003, 0.3816

Background



This preview shows how black text looks on a background with the Yxy color 48.0941, 0.3003, 0.3816.



This preview shows how white text looks on a background with the Yxy color 48.0941, 0.3003, 0.3816.

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

48.0941, 0.3003, 0.3816

Protanopia

47.6362, 0.3469, 0.3678

Deuteranopia

47.6439, 0.3535, 0.3464



Tritanopia

48.2033, 0.2754, 0.3091

Trichromacy



Original Color

48.0941, 0.3003, 0.3816

Protanomaly

47.6801, 0.3291, 0.3733

Deuteranomaly

47.3287, 0.3321, 0.3579

Tritanomaly

48.0055, 0.2847, 0.3344

Monochromacy



Original Color

48.0941, 0.3003, 0.3816

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

45.2903, 0.3085, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0941, 0.3003, 0.3816 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(146, 196, 159)` looks like.

```
.text, #text, p{  
    color:rgb(146, 196, 159)  
}
```

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(146, 196, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 196, 159) }
```

Border

The CSS property to change the border of an element to Yxy 48.0941, 0.3003, 0.3816 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(146, 196, 159) }
```

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

```
.border{ border-color:rgb(146, 196, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 196, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 196, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 196, 159);  
box-shadow:4px 4px 4px 4px rgb(146, 196,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0941, 0.3003, 0.3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 196, 159) }
```

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

```
.background{ background-color: rgb(146,  
196, 159) }
```

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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