

Converting Colors

$Yxy(47.7863, 0.3007, 0.3768)$

Have a look what the booklet for
Yxy(47.7863, 0.3007, 0.3768)
contains.

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Color

Yxy(47.8993, 0.3004, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	94C3A1
RGB	148, 195, 161
RGB Percent	58%, 76%, 63%
CMY	0.4198, 0.2353, 0.3685
CMYK	0.24, 0.00, 0.17, 0.24
HSL	137°, 28%, 67%
HSV	137°, 24%, 76%
XYZ	38.1569, 47.8993, 40.9640
YIQ	177.0710, -17.0980, -20.5380

Conversions

Conversions Part 2

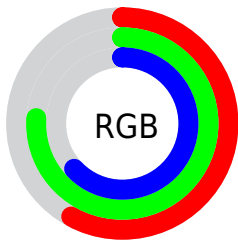
Format	Color
RYB	148, 185, 195
Decimal	9749409
CIELab	74.76, -22.36, 12.10
CIELCh	75, 25.430, 151.577
Yxy	47.8993, 0.3004, 0.3771
Android (android.graphics.Color)	4287939489 (0xFF94C3A1)
YUV	177.0710, -7.9230, -25.4953
Hunter-Lab	69.2093, -22.7047, 13.3536

Details

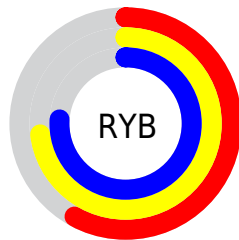
The Yxy color **47.8993, 0.3004, 0.3771** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.1454, 0.3278, 0.2853**, and the grayscale version is **44.0525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2752, 0.3029, 0.3680**, and **22.6407, 0.2966, 0.3925** is the 20% darker color. If you saturate the color by 10%, you get **45.7646, 0.2957, 0.4009**, and if you desaturate by 10%, it is **50.4003, 0.3054, 0.3555**.

Distribution



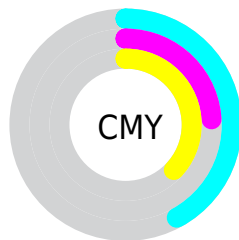
- Red (58%)
- Green (76%)
- Blue (63%)



- Red (58%)
- Yellow (73%)
- Blue (76%)



- Cyan (24%)
- Magenta (0%)
- Yellow (17%)
- Black (24%)




- Cyan (42%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8993, 0.3004, 0.3771 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 47.8993, 0.3004, 0.3771 by changing the saturation by 10% instead.


 47.8993, 0.3004,
0.3771


 47.8993, 0.3004,
0.3771


378.3928, 0.3069,
0.3524

 33.7471, 0.2987,
0.3835


 87.0545, 0.3029,
0.3680

 22.6994, 0.2964,
0.3918


 112.8262, 0.3037,
0.3646

 14.3717, 0.2932,
0.4031


143.2400, 0.3045,
0.3617

 8.3797, 0.2884,
0.4194

178.6802, 0.3051,
0.3593

 4.3388, 0.2809,
0.4446

219.5312, 0.3057,
0.3572

 1.8648, 0.2668,
0.4886

266.1774, 0.3061,

 0.5271, 0.0000,

0.3554

1.0000

319.0031, 0.3065,
0.3538

0.0000, 0.0000,
0.0000

47.8993, 0.3004,
0.3771

47.8993, 0.3004,
0.3771

45.7646, 0.2957,
0.4009

50.4003, 0.3054,
0.3555

43.9731, 0.2915,
0.4267

53.2777, 0.3106,
0.3363

42.5080, 0.2882,
0.4538

56.5484, 0.3157,
0.3193


41.3490, 0.2861,
0.4814

60.2268, 0.3207,
0.3044


40.4733, 0.2854,
0.5083


64.3263, 0.3254,
0.2914

 39.8547, 0.2863,
0.5331

 66.9206, 0.3223,
0.2790

 39.4619, 0.2887,
0.5546

 67.5151, 0.3155,
0.2703

 39.3030, 0.2904,
0.5653

Harmonies

Analogous

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



47.8993, 0.3356, 0.3917



47.8993, 0.3004, 0.3771



47.8993, 0.2697, 0.3472

Triad

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



47.8993, 0.3004, 0.3771



47.8993, 0.2607, 0.2728



47.8993, 0.3786, 0.3389

Complementary

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



47.8993, 0.3004, 0.3771



36.1454, 0.3278, 0.2853

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.



47.8993, 0.3563, 0.3103



47.8993, 0.3004, 0.3771



47.8993, 0.2873, 0.2734

Square

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



47.8993, 0.3004, 0.3771



47.8993, 0.2478, 0.2865



47.8993, 0.3223, 0.2870



47.8993, 0.3819, 0.3667

Rectangle

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



47.8993, 0.3004, 0.3771



47.8993, 0.2556, 0.3242



47.8993, 0.3223, 0.2870



47.8993, 0.3730, 0.3291

Sweetspot

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



47.9013, 0.3004, 0.3771



93.8009, 0.3091, 0.3418



51.1736, 0.3379, 0.3907



20.4702, 0.3087, 0.3429



0.0000, 0.0000, 0.0000



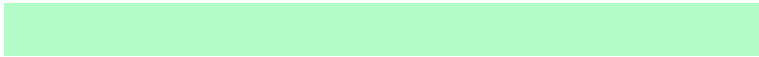
21.4041, 0.3127, 0.3290

Same Dimension

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



47.9013, 0.3004, 0.3771



83.6662, 0.2978, 0.3895



48.7892, 0.2847, 0.3440



11.3038, 0.3079, 0.3461



25.5541, 0.2897, 0.5630



1.1162, 0.2767, 0.5161

Inverse Universe

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



36.1454, 0.3278, 0.2853



58.9487, 0.3319, 0.2754



35.2714, 0.3509, 0.3146



10.1982, 0.3179, 0.3125



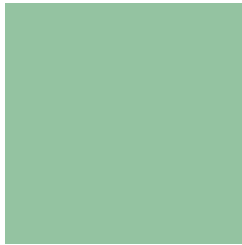
8.8025, 0.4052, 0.2006



0.3915, 0.3824, 0.1880

Previews

White Background



This preview shows how the Yxy color 47.8993, 0.3004, 0.3771 looks on a white background.

Color Contrast Check

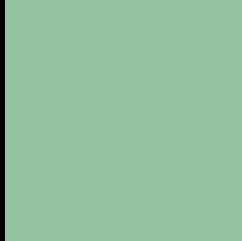
Large Text (above 18pt) WCAG AA × Fail

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 47.8993, 0.3004, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

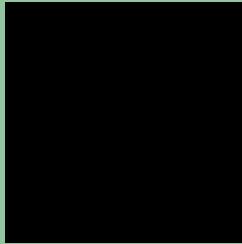
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.8993, 0.3004, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 47.8993, 0.3004, 0.3771.



This preview shows how white text looks on a background with the Yxy color 47.8993, 0.3004, 0.3771.

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

47.8993, 0.3004, 0.3771

Protanopia

47.5710, 0.3443, 0.3653

Deuteranopia

47.5708, 0.3508, 0.3439



Tritanopia

47.8227, 0.2767, 0.3091

Trichromacy



Original Color

47.8993, 0.3004, 0.3771

Protanomaly

47.3221, 0.3277, 0.3693

Deuteranomaly

47.4004, 0.3304, 0.3552

Tritanomaly

47.6647, 0.2854, 0.3330

Monochromacy



Original Color

47.8993, 0.3004, 0.3771

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

45.3282, 0.3077, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8993, 0.3004, 0.3771 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(148, 195, 161)` looks like.

```
.text, #text, p{  
    color:rgb(148, 195, 161)  
}
```

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(148, 195, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 195, 161) }
```

Border

The CSS property to change the border of an element to Yxy 47.8993, 0.3004, 0.3771 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(148, 195, 161) }
```

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

```
.border{ border-color:rgb(148, 195, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 195, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 195, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 195, 161);  
box-shadow:4px 4px 4px 4px rgb(148, 195,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8993, 0.3004, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 195, 161) }
```

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

```
.background{ background-color: rgb(148,  
195, 161) }
```

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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