

Converting Colors

$Yxy(48.7002, 0.3070, 0.3934)$

Have a look what the booklet for
Yxy(48.7002, 0.3070, 0.3934)
contains.

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Color

Yxy(48.4954, 0.3067, 0.3930)

Conversions

Conversions Part 1

Format	Color
Hex	94C598
RGB	148, 197, 152
RGB Percent	58%, 77%, 60%
CMY	0.4195, 0.2274, 0.4041
CMYK	0.25, 0.00, 0.23, 0.23
HSL	125°, 30%, 68%
HSV	125°, 25%, 77%
XYZ	37.8462, 48.4954, 37.0564
YIQ	177.2190, -14.7590, -24.3830

Conversions

Conversions Part 2

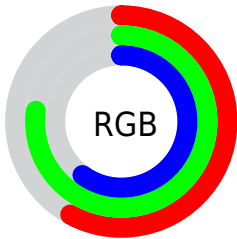
Format	Color
RYB	148, 193, 197
Decimal	9749912
CIELab	75.14, -24.98, 17.50
CIELCh	75, 30.501, 144.998
Yxy	48.4954, 0.3067, 0.3930
Android (android.graphics.Color)	4287939992 (0xFF94C598)
YUV	177.2190, -12.4330, -25.6251
Hunter-Lab	69.6386, -24.8591, 17.1974

Details

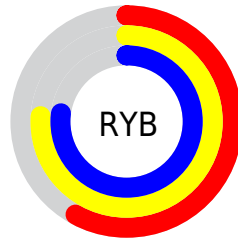
The Yxy color **48.4954, 0.3067, 0.3930** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.9082, 0.3192, 0.2724**, and the grayscale version is **44.1611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0364, 0.3084, 0.3813**, and **23.0713, 0.3038, 0.4125** is the 20% darker color. If you saturate the color by 10%, you get **46.2651, 0.3042, 0.4238**, and if you desaturate by 10%, it is **51.1331, 0.3092, 0.3650**.

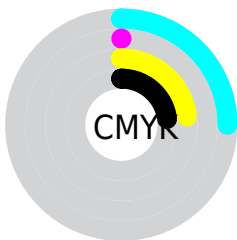
Distribution



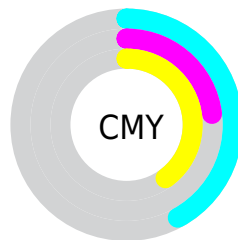
- Red (58%)
- Green (77%)
- Blue (60%)



- Red (58%)
- Yellow (76%)
- Blue (77%)



- Cyan (25%)
- Magenta (0%)
- Yellow (23%)
- Black (23%)



- Cyan (42%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4954, 0.3067, 0.3930 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 48.4954, 0.3067, 0.3930 by changing the saturation by 10% instead.

 48.4954, 0.3067,
0.3930


 48.4954, 0.3067,
0.3930


380.7524, 0.3103,
0.3600

 34.2194, 0.3056,
0.4016

 87.9415, 0.3082,
0.3808

 23.0622, 0.3040,
0.4128


 113.8805, 0.3087,
0.3762

 14.6394, 0.3017,
0.4280


144.4758, 0.3091,
0.3724

 8.5667, 0.2980,
0.4498

180.1119, 0.3094,
0.3692

 4.4597, 0.2914,
0.4835

221.1732, 0.3097,
0.3664

 1.9339, 0.2810,
0.5485

268.0442, 0.3100,

 0.5686, 0.0000,

0.3640

1.0000

321.1091, 0.3102,
0.3619

0.0000, 0.0000,
0.0000

48.4954, 0.3067,
0.3930

48.4954, 0.3067,
0.3930

46.2651, 0.3042,
0.4238

51.1331, 0.3092,
0.3650

44.4160, 0.3019,
0.4567

54.1906, 0.3116,
0.3400

42.9287, 0.3000,
0.4903

57.6873, 0.3139,
0.3182

41.7793, 0.2985,
0.5226

61.6396, 0.3160,
0.2992

40.9413, 0.2978,
0.5513

66.0632, 0.3179,
0.2828

■ 40.3840, 0.2977,
0.5742

■ 68.4142, 0.3154,
0.2722

■ 40.0704, 0.2984,
0.5898

■ 39.9712, 0.2986,
0.5950

Harmonies

Analogous

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



48.4954, 0.3483, 0.4050



48.4954, 0.3067, 0.3930



48.4954, 0.2684, 0.3596

Triad

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



48.4954, 0.3067, 0.3930



48.4954, 0.2463, 0.2644



48.4954, 0.3875, 0.3325

Complementary

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



48.4954, 0.3067, 0.3930



36.9082, 0.3192, 0.2724

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.



48.4954, 0.3565, 0.3000



48.4954, 0.3067, 0.3930



48.4954, 0.2743, 0.2619

Square

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



48.4954, 0.3067, 0.3930



48.4954, 0.2352, 0.2838



48.4954, 0.3143, 0.2749



48.4954, 0.3967, 0.3662

Rectangle

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



48.4954, 0.3067, 0.3930



48.4954, 0.2496, 0.3318



48.4954, 0.3143, 0.2749



48.4954, 0.3792, 0.3212

Sweetspot

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



48.4975, 0.3067, 0.3930



95.7581, 0.3111, 0.3453



53.5075, 0.3471, 0.3910



20.4219, 0.3109, 0.3468



0.0000, 0.0000, 0.0000



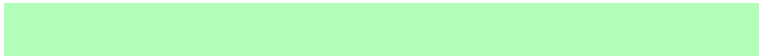
21.4041, 0.3127, 0.3290

Same Dimension

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



48.4975, 0.3067, 0.3930



84.5331, 0.3053, 0.4099



49.3573, 0.2904, 0.3584



11.9015, 0.3105, 0.3509



26.2949, 0.2983, 0.5940



1.2500, 0.2928, 0.5739

Inverse Universe

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



36.9082, 0.3192, 0.2724



60.1291, 0.3209, 0.2596



35.9294, 0.3424, 0.3015



10.8013, 0.3150, 0.3080



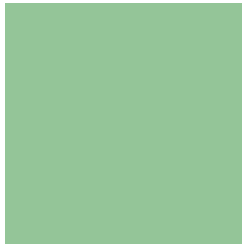
10.0109, 0.3421, 0.1658



0.4785, 0.3372, 0.1631

Previews

White Background



This preview shows how the Yxy color 48.4954, 0.3067, 0.3930 looks on a white background.

Color Contrast Check

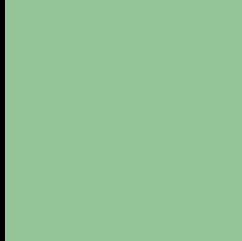
Large Text (above 18pt) WCAG AA × Fail

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 48.4954, 0.3067, 0.3930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

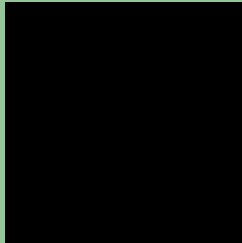
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4954, 0.3067, 0.3930

Background



This preview shows how black text looks on a background with the Yxy color 48.4954, 0.3067, 0.3930.



This preview shows how white text looks on a background with the Yxy color 48.4954, 0.3067, 0.3930.

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

48.4954, 0.3067, 0.3930

Protanopia

48.0921, 0.3543, 0.3778

Deuteranopia

47.8416, 0.3625, 0.3548



Tritanopia

48.5038, 0.2775, 0.3092

Trichromacy



Original Color

48.4954, 0.3067, 0.3930

Protanomaly

48.1170, 0.3362, 0.3839

Deuteranomaly

47.4664, 0.3405, 0.3669

Tritanomaly

48.5551, 0.2876, 0.3384

Monochromacy



Original Color

48.4954, 0.3067, 0.3930

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

45.2151, 0.3100, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4954, 0.3067, 0.3930 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, 197, 152)` looks like.

```
.text, #text, p{  
    color:rgb(148, 197, 152)  
}
```

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, 197, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 197, 152) }
```

Border

The CSS property to change the border of an element to Yxy 48.4954, 0.3067, 0.3930 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, 197, 152) }
```

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

```
.border{ border-color:rgb(148, 197, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 197, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 197, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 197, 152);  
box-shadow:4px 4px 4px 4px rgb(148, 197,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4954, 0.3067, 0.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 197, 152) }
```

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

```
.background{ background-color: rgb(148,  
197, 152) }
```

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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