

Converting Colors

$Yxy(48.1936, 0.3101, 0.3834)$

Have a look what the booklet for
Yxy(48.1936, 0.3101, 0.3834)
contains.

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Color

Yxy(48.0518, 0.3102, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	9CC29C
RGB	156, 194, 156
RGB Percent	61%, 76%, 61%
CMY	0.3883, 0.2392, 0.3882
CMYK	0.20, 0.00, 0.20, 0.24
HSL	120°, 24%, 69%
HSV	120°, 20%, 76%
XYZ	38.9997, 48.0518, 38.6728
YIQ	178.3060, -10.4500, -19.8740

Conversions

Conversions Part 2

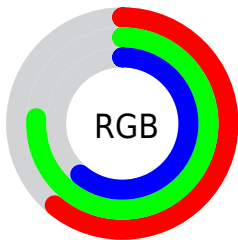
Format	Color
RYB	156, 194, 194
Decimal	10273436
CIELab	74.86, -20.08, 15.01
CIELCh	75, 25.075, 143.219
Yxy	48.0518, 0.3102, 0.3822
Android (android.graphics.Color)	4288463516 (0xFF9CC29C)
YUV	178.3060, -10.9969, -19.5624
Hunter-Lab	69.3194, -20.8834, 15.4461

Details

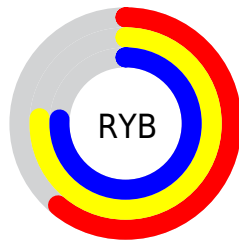
The Yxy color **48.0518, 0.3102, 0.3822** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.1344, 0.3150, 0.2810**, and the grayscale version is **44.7538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5464, 0.3107, 0.3720**, and **22.7191, 0.3085, 0.3974** is the 20% darker color. If you saturate the color by 10%, you get **45.6655, 0.3087, 0.4142**, and if you desaturate by 10%, it is **50.8561, 0.3116, 0.3534**.

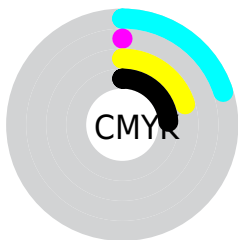
Distribution



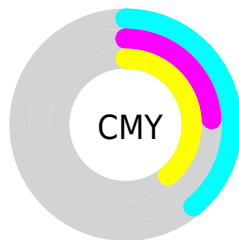
- Red (61%)
- Green (76%)
- Blue (61%)



- Red (61%)
- Yellow (76%)
- Blue (76%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)





- Cyan (39%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.0518, 0.3102, 0.3822 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 48.0518, 0.3102, 0.3822 by changing the saturation by 10% instead.


 48.0518, 0.3102,
0.3822


 48.0518, 0.3102,
0.3822


378.9974, 0.3119,
0.3549

 33.8679, 0.3096,
0.3893


 87.2815, 0.3109,
0.3721

 22.7921, 0.3088,
0.3984


 113.0961, 0.3112,
0.3684

 14.4401, 0.3076,
0.4109


143.5565, 0.3114,
0.3652

 8.4274, 0.3055,
0.4288

179.0469, 0.3115,
0.3625

 4.3696, 0.3016,
0.4563

219.9518, 0.3116,
0.3602

 1.8824, 0.2944,
0.5062

266.6556, 0.3117,

 0.5378, 0.0374,

0.3582

0.9626

319.5427, 0.3118,
0.3564

0.0000, 0.0000,
0.0000

48.0518, 0.3102,
0.3822

48.0518, 0.3102,
0.3822

45.6655, 0.3087,
0.4142

50.8561, 0.3116,
0.3534

43.6715, 0.3071,
0.4488

54.0906, 0.3128,
0.3281

42.0507, 0.3054,
0.4845

57.7746, 0.3138,
0.3061

40.7798, 0.3037,
0.5192

61.9244, 0.3147,
0.2871

39.8331, 0.3023,
0.5502

66.5553, 0.3155,
0.2709

■ 39.1813, 0.3012,
0.5748

■ 67.0677, 0.3155,
0.2693

■ 38.7898, 0.3004,
0.5911

■ 38.5946, 0.3000,
0.5997

■ 38.5880, 0.3000,
0.6000

Harmonies

Analogous

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



48.0518, 0.3444, 0.3913



48.0518, 0.3102, 0.3822



48.0518, 0.2779, 0.3560

Triad

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



48.0518, 0.3102, 0.3822



48.0518, 0.2564, 0.2759



48.0518, 0.3732, 0.3307

Complementary

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



48.0518, 0.3102, 0.3822



39.1344, 0.3150, 0.2810

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.



48.0518, 0.3470, 0.3035



48.0518, 0.3102, 0.3822



48.0518, 0.2793, 0.2726

Square

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



48.0518, 0.3102, 0.3822



48.0518, 0.2480, 0.2934



48.0518, 0.3122, 0.2827



48.0518, 0.3820, 0.3590

Rectangle

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



48.0518, 0.3102, 0.3822



48.0518, 0.2615, 0.3337



48.0518, 0.3122, 0.2827



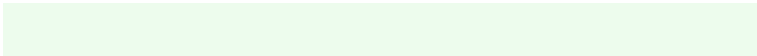
48.0518, 0.3660, 0.3212

Sweetspot

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



48.0538, 0.3102, 0.3822



94.0933, 0.3120, 0.3441



52.4578, 0.3419, 0.3772



20.5220, 0.3119, 0.3459



0.0000, 0.0000, 0.0000



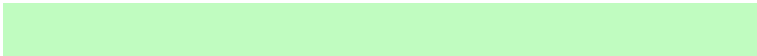
21.4041, 0.3127, 0.3290

Same Dimension

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



48.0538, 0.3102, 0.3822



84.8937, 0.3095, 0.3971



48.7483, 0.2967, 0.3550



11.2589, 0.3116, 0.3528



25.3678, 0.3000, 0.5999



1.0961, 0.2999, 0.5998

Inverse Universe

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



39.1344, 0.3150, 0.2810



65.4725, 0.3156, 0.2691



38.3350, 0.3324, 0.3044



10.2474, 0.3138, 0.3063



10.0978, 0.3211, 0.1542



0.4363, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 48.0518, 0.3102, 0.3822 looks on a white background.

Color Contrast Check

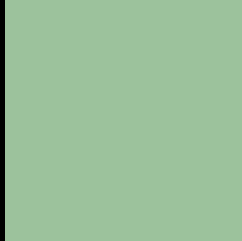
Large Text (above 18pt) WCAG AA × Fail

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 48.0518, 0.3102, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

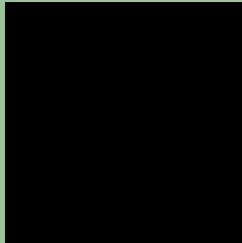
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.0518, 0.3102, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 48.0518, 0.3102, 0.3822.



This preview shows how white text looks on a background with the Yxy color 48.0518, 0.3102, 0.3822.

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

48.0518, 0.3102, 0.3822

Protanopia

47.5707, 0.3486, 0.3704

Deuteranopia

47.6840, 0.3571, 0.3500



Tritanopia

48.1707, 0.2830, 0.3093

Trichromacy



Original Color

48.0518, 0.3102, 0.3822

Protanomaly

47.5439, 0.3335, 0.3745

Deuteranomaly

47.3173, 0.3383, 0.3603

Tritanomaly

47.9491, 0.2927, 0.3343

Monochromacy



Original Color

48.0518, 0.3102, 0.3822

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.7293, 0.3118, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0518, 0.3102, 0.3822 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(156, 194, 156)` looks like.

```
.text, #text, p{  
    color:rgb(156, 194, 156)  
}
```

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(156, 194, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 194, 156) }
```

Border

The CSS property to change the border of an element to Yxy 48.0518, 0.3102, 0.3822 is called "border". The border property can be set on classes, ids or directly on the HTML element.

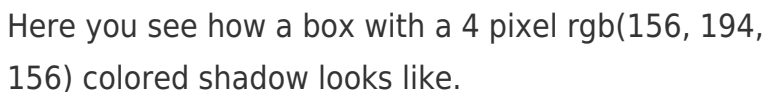
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 194, 156) }
```

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

```
.border{ border-color:rgb(156, 194, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 194, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 194, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 194, 156); box-shadow:4px 4px 4px 4px rgb(156, 194, 156) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0518, 0.3102, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 194, 156) }
```

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

```
.background{ background-color: rgb(156,  
194, 156) }
```

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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