

Converting Colors

$Yxy(49.3847, 0.3018, 0.3822)$

Have a look what the booklet for
Yxy(49.3847, 0.3018, 0.3822)
contains.

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Color

Yxy(49.3158, 0.3019, 0.3824)

Conversions

Conversions Part 1

Format	Color
Hex	95C6A0
RGB	149, 198, 160
RGB Percent	58%, 78%, 63%
CMY	0.4156, 0.2235, 0.3726
CMYK	0.25, 0.00, 0.19, 0.22
HSL	133°, 30%, 68%
HSV	133°, 25%, 78%
XYZ	38.9342, 49.3158, 40.7139
YIQ	179.0170, -17.0060, -22.2060

Conversions

Conversions Part 2

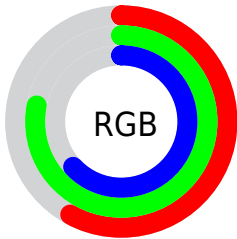
Format	Color
RYB	149, 189, 198
Decimal	9815712
CIELab	75.65, -23.70, 13.93
CIELCh	76, 27.484, 149.557
Yxy	49.3158, 0.3019, 0.3824
Android (android.graphics.Color)	4288005792 (0xFF95C6A0)
YUV	179.0170, -9.3754, -26.3249
Hunter-Lab	70.2252, -23.9303, 14.7836

Details

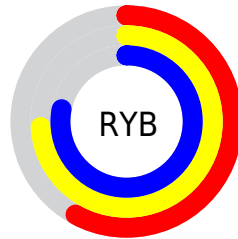
The Yxy color **49.3158, 0.3019, 0.3824** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.0961, 0.3258, 0.2809**, and the grayscale version is **45.1483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2637, 0.3040, 0.3721**, and **23.5706, 0.2985, 0.3996** is the 20% darker color. If you saturate the color by 10%, you get **47.1058, 0.2978, 0.4083**, and if you desaturate by 10%, it is **51.9131, 0.3062, 0.3589**.

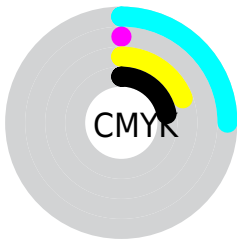
Distribution



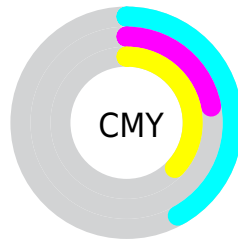
- Red (58%)
- Green (78%)
- Blue (63%)



- Red (58%)
- Yellow (74%)
- Blue (78%)



- Cyan (25%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)





- Cyan (42%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3158, 0.3019, 0.3824 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 49.3158, 0.3019, 0.3824 by changing the saturation by 10% instead.


 49.3158, 0.3019,
0.3824


 49.3158, 0.3019,
0.3824


383.9842, 0.3077,
0.3550

 34.8701, 0.3003,
0.3894


 89.1603, 0.3041,
0.3723

 23.5628, 0.2982,
0.3986


 115.3279, 0.3049,
0.3685

 15.0096, 0.2952,
0.4111


146.1715, 0.3056,
0.3654

 8.8261, 0.2908,
0.4288

182.0755, 0.3061,
0.3627

 4.6280, 0.2836,
0.4562

223.4245, 0.3066,
0.3604

 2.0307, 0.2701,
0.5036

270.6026, 0.3070,

 0.6252, 0.0246,

0.3584

0.9754

323.9944, 0.3074,
0.3566

0.0000, 0.0000,
0.0000

49.3158, 0.3019,
0.3824

49.3158, 0.3019,
0.3824

47.1058, 0.2978,
0.4083

51.9131, 0.3062,
0.3589

45.2584, 0.2942,
0.4361

54.9085, 0.3106,
0.3380

43.7558, 0.2914,
0.4653


58.3204, 0.3150,
0.3196

42.5760, 0.2896,
0.4945


62.1639, 0.3192,
0.3035


41.6944, 0.2891,
0.5224


66.4535, 0.3231,
0.2895

 41.0831, 0.2900,
0.5473

 68.6901, 0.3173,
0.2758

 40.7081, 0.2922,
0.5677

 68.8694, 0.3153,
0.2732

 40.5735, 0.2935,
0.5765

Harmonies

Analogous

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



49.3158, 0.3394, 0.3966



49.3158, 0.3019, 0.3824



49.3158, 0.2686, 0.3509

Triad

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



49.3158, 0.3019, 0.3824



49.3158, 0.2557, 0.2695



49.3158, 0.3823, 0.3372

Complementary

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



49.3158, 0.3019, 0.3824



37.0961, 0.3258, 0.2809

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.



49.3158, 0.3572, 0.3071



49.3158, 0.3019, 0.3824



49.3158, 0.2832, 0.2693

Square

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



49.3158, 0.3019, 0.3824



49.3158, 0.2432, 0.2850



49.3158, 0.3202, 0.2829



49.3158, 0.3872, 0.3672

Rectangle

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



49.3158, 0.3019, 0.3824



49.3158, 0.2530, 0.3262



49.3158, 0.3202, 0.2829



49.3158, 0.3759, 0.3269

Sweetspot

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



49.3179, 0.3019, 0.3824



95.9099, 0.3096, 0.3428



53.1738, 0.3406, 0.3920



20.4569, 0.3093, 0.3440



0.0000, 0.0000, 0.0000



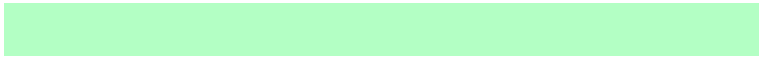
21.4041, 0.3127, 0.3290

Same Dimension

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



49.3179, 0.3019, 0.3824



85.0124, 0.2995, 0.3969



50.2464, 0.2856, 0.3479



11.9261, 0.3086, 0.3474



26.3960, 0.2929, 0.5744



1.2612, 0.2815, 0.5334

Inverse Universe

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



37.0961, 0.3258, 0.2809



59.4662, 0.3295, 0.2696



36.1471, 0.3497, 0.3110



10.7744, 0.3171, 0.3112



9.3317, 0.3864, 0.1902



0.4522, 0.3701, 0.1813

Previews

White Background



This preview shows how the Yxy color 49.3158, 0.3019, 0.3824 looks on a white background.

Color Contrast Check

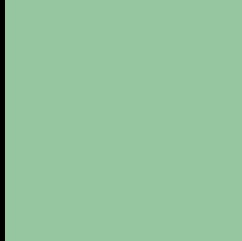
Large Text (above 18pt) WCAG AA × Fail

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 49.3158, 0.3019, 0.3824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

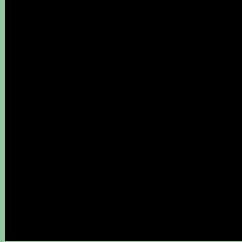
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3158, 0.3019, 0.3824

Background



This preview shows how black text looks on a background with the Yxy color 49.3158, 0.3019, 0.3824.



This preview shows how white text looks on a background with the Yxy color 49.3158, 0.3019, 0.3824.

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

49.3158, 0.3019, 0.3824

Protanopia

48.7668, 0.3474, 0.3687

Deuteranopia

48.9176, 0.3549, 0.3474



Tritanopia

49.4734, 0.2764, 0.3093

Trichromacy



Original Color

49.3158, 0.3019, 0.3824

Protanomaly

48.8109, 0.3297, 0.3743

Deuteranomaly

48.5810, 0.3335, 0.3588

Tritanomaly

49.2698, 0.2857, 0.3343

Monochromacy



Original Color

49.3158, 0.3019, 0.3824

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

46.4212, 0.3085, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3158, 0.3019, 0.3824 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(149, 198, 160)` looks like.

```
.text, #text, p{  
    color:rgb(149, 198, 160)  
}
```

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(149, 198, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 198, 160) }
```

Border

The CSS property to change the border of an element to Yxy 49.3158, 0.3019, 0.3824 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(149, 198, 160) }
```

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

```
.border{ border-color:rgb(149, 198, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 198, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 198, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 198, 160);  
box-shadow:4px 4px 4px 4px rgb(149, 198,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3158, 0.3019, 0.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 198, 160) }
```

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

```
.background{ background-color: rgb(149,  
198, 160) }
```

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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