

Converting Colors

$Yxy(43.9181, 0.3169, 0.3820)$

Have a look what the booklet for
Yxy(43.9181, 0.3169, 0.3820)
contains.

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Color

Yxy(43.9040, 0.3169, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	9CB994
RGB	156, 185, 148
RGB Percent	61%, 73%, 58%
CMY	0.3882, 0.2745, 0.4197
CMYK	0.16, 0.00, 0.20, 0.27
HSL	107°, 21%, 65%
HSV	107°, 20%, 73%
XYZ	36.4029, 43.9040, 34.5649
YIQ	172.1110, -5.4070, -17.6550

Conversions

Conversions Part 2

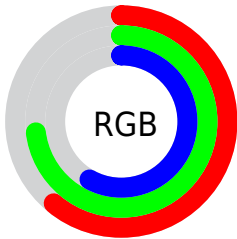
Format	Color
RYB	148, 185, 177
Decimal	10271124
CIELab	72.16, -16.91, 15.57
CIELCh	72, 22.989, 137.357
Yxy	43.9040, 0.3169, 0.3822
Android (android.graphics.Color)	4288461204 (0xFF9CB994)
YUV	172.1110, -11.8867, -14.1293
Hunter-Lab	66.2601, -17.8884, 15.4531

Details

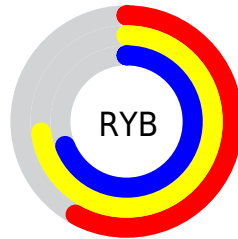
The Yxy color **43.9040, 0.3169, 0.3822** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.0237, 0.3072, 0.2789**, and the grayscale version is **41.3774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0237, 0.3166, 0.3719**, and **20.3087, 0.3172, 0.3997** is the 20% darker color. If you saturate the color by 10%, you get **42.0053, 0.3186, 0.4128**, and if you desaturate by 10%, it is **46.0727, 0.3149, 0.3542**.

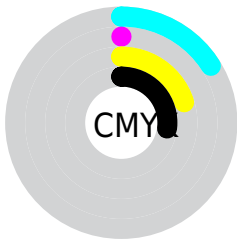
Distribution



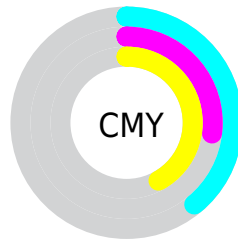
- Red (61%)
- Green (73%)
- Blue (58%)



- Red (58%)
- Yellow (73%)
- Blue (69%)



- Cyan (16%)
- Magenta (0%)
- Yellow (20%)
- Black (27%)





- Cyan (39%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9040, 0.3169, 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 43.9040, 0.3169, 0.3822 by changing the saturation by 10% instead.

 43.9040, 0.3169,
0.3822


 43.9040, 0.3169,
0.3822

362.3164, 0.3152,
0.3545

 30.5950, 0.3172,
0.3895


 81.0733, 0.3164,
0.3719

 20.2907, 0.3174,
0.3990


 105.7024, 0.3162,
0.3681

 12.6065, 0.3176,
0.4120


134.8736, 0.3160,
0.3649

 7.1582, 0.3174,
0.4309

168.9715, 0.3158,
0.3622

 3.5612, 0.3162,
0.4607

208.3803, 0.3156,
0.3599

 1.4313, 0.3241,
0.5348

253.4844, 0.3155,

 0.2396, 0.0000,

0.3579

1.0000

304.6683, 0.3153,
0.3561

0.0000, 0.0000,
0.0000

43.9040, 0.3169,
0.3822

43.9040, 0.3169,
0.3822

42.0053, 0.3186,
0.4128

46.0727, 0.3149,
0.3542

40.3604, 0.3197,
0.4453

48.5157, 0.3127,
0.3290

38.9601, 0.3201,
0.4787


51.2442, 0.3105,
0.3067

37.7922, 0.3195,
0.5111


54.2671, 0.3082,
0.2871


36.8438, 0.3179,
0.5406


57.5930, 0.3060,
0.2699

 36.1001, 0.3152,
0.5650

 60.9705, 0.3067,
0.2585

 35.5448, 0.3116,
0.5826

 63.1807, 0.3159,
0.2604

 35.1527, 0.3079,
0.5938

Harmonies

Analogous

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



43.9040, 0.3485, 0.3873



43.9040, 0.3169, 0.3822



43.9040, 0.2853, 0.3602

Triad

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



43.9040, 0.3169, 0.3822



43.9040, 0.2566, 0.2810



43.9040, 0.3661, 0.3254

Complementary

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



43.9040, 0.3169, 0.3822



34.0237, 0.3072, 0.2789

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.



43.9040, 0.3391, 0.3003



43.9040, 0.3169, 0.3822



43.9040, 0.2759, 0.2751

Square

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



43.9040, 0.3169, 0.3822



43.9040, 0.2516, 0.3001



43.9040, 0.3058, 0.2823



43.9040, 0.3780, 0.3525

Rectangle

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



43.9040, 0.3169, 0.3822



43.9040, 0.2683, 0.3398



43.9040, 0.3058, 0.2823



43.9040, 0.3584, 0.3166

Sweetspot

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



43.9059, 0.3169, 0.3822



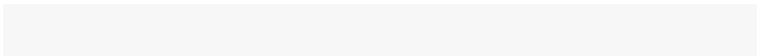
84.1619, 0.3141, 0.3440



43.8909, 0.3443, 0.3680



18.0838, 0.3142, 0.3456



93.3107, 0.3127, 0.3290



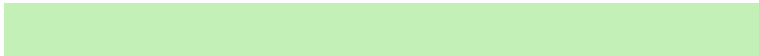
18.7317, 0.3127, 0.3290

Same Dimension

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



43.9059, 0.3169, 0.3822



77.0804, 0.3177, 0.3953



43.4799, 0.3023, 0.3675



10.1513, 0.3148, 0.3524



23.9607, 0.3085, 0.5932



0.8721, 0.3268, 0.5787

Inverse Universe

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



34.0237, 0.3072, 0.2789



56.1710, 0.3057, 0.2674



34.5657, 0.3250, 0.2934



9.0620, 0.3104, 0.3062



6.5138, 0.2674, 0.1246



0.2544, 0.2819, 0.1327

Previews

White Background



This preview shows how the Yxy color 43.9040, 0.3169, 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 43.9040, 0.3169, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

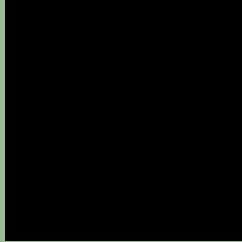
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9040, 0.3169, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 43.9040, 0.3169, 0.3822.



This preview shows how white text looks on a background with the Yxy color 43.9040, 0.3169, 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

43.9040, 0.3169, 0.3822

Protanopia

43.6291, 0.3499, 0.3719

Deuteranopia

43.6803, 0.3607, 0.3533



Tritanopia

43.8770, 0.2887, 0.3101

Trichromacy



Original Color

43.9040, 0.3169, 0.3822

Protanomaly

43.5146, 0.3380, 0.3759

Deuteranomaly

43.3011, 0.3440, 0.3626

Tritanomaly

43.6957, 0.2982, 0.3345

Monochromacy



Original Color

43.9040, 0.3169, 0.3822

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.1956, 0.3144, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9040, 0.3169, 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, 185, 148)` looks like.

```
.text, #text, p{  
    color:rgb(156, 185, 148)  
}
```

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, 185, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 185, 148) }
```

Border

The CSS property to change the border of an element to Yxy 43.9040, 0.3169, 0.3822 is called "border". The border property can be set on classes, ids or directly on the HTML element.

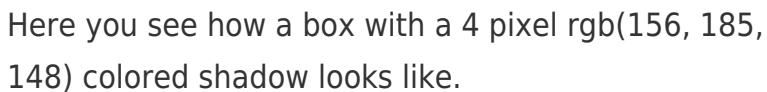
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 185, 148) }
```

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

```
.border{ border-color:rgb(156, 185, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 185, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 185, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 185, 148); box-shadow:4px 4px 4px 4px rgb(156, 185, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9040, 0.3169, 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, 185, 148) }
```

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

```
.background{ background-color: rgb(156,  
185, 148) }
```

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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