

Converting Colors

$Yxy(43.7931, 0.3221, 0.3909)$

Have a look what the booklet for
Yxy(43.7931, 0.3221, 0.3909)
contains.

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Color

Yxy(43.8190, 0.3224, 0.3909)

Conversions

Conversions Part 1

Format	Color
Hex	9DB98E
RGB	157, 185, 142
RGB Percent	62%, 73%, 56%
CMY	0.3842, 0.2745, 0.4432
CMYK	0.15, 0.00, 0.23, 0.27
HSL	99°, 24%, 64%
HSV	99°, 23%, 73%
XYZ	36.1403, 43.8190, 32.1384
YIQ	171.7260, -2.8850, -19.3090

Conversions

Conversions Part 2

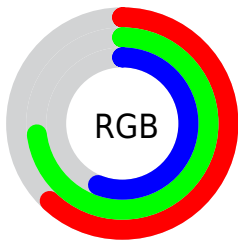
Format	Color
RYB	142, 185, 170
Decimal	10336654
CIELab	72.11, -17.54, 18.75
CIELCh	72, 25.672, 133.097
Yxy	43.8190, 0.3224, 0.3909
Android (android.graphics.Color)	4288526734 (0xFF9DB98E)
YUV	171.7260, -14.6549, -12.9147
Hunter-Lab	66.1959, -18.3891, 17.5516

Details

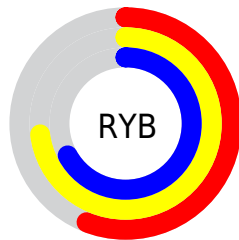
The Yxy color **43.8190, 0.3224, 0.3909** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.3849, 0.3004, 0.2694**, and the grayscale version is **41.1891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8932, 0.3209, 0.3786**, and **20.2785, 0.3235, 0.4098** is the 20% darker color. If you saturate the color by 10%, you get **42.1595, 0.3260, 0.4211**, and if you desaturate by 10%, it is **45.6936, 0.3184, 0.3627**.

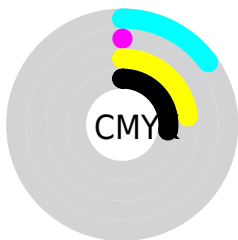
Distribution



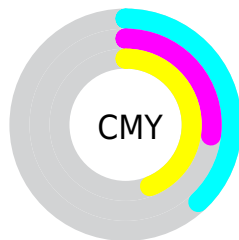
- Red (62%)
- Green (73%)
- Blue (56%)



- Red (56%)
- Yellow (73%)
- Blue (67%)



- Cyan (15%)
- Magenta (0%)
- Yellow (23%)
- Black (27%)





- Cyan (38%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8190, 0.3224, 0.3909 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 43.8190, 0.3224, 0.3909 by changing the saturation by 10% instead.


 43.8190, 0.3224,
0.3909

 43.8190, 0.3224,
0.3909


361.9692, 0.3181,
0.3587

 30.5282, 0.3233,
0.3994


 80.9453, 0.3210,
0.3789

 20.2399, 0.3243,
0.4105

 105.5497, 0.3204,
0.3745

 12.5695, 0.3254,
0.4257


134.6940, 0.3199,
0.3708

 7.1328, 0.3264,
0.4476

168.7627, 0.3194,
0.3676

 3.5453, 0.3265,
0.4820

208.1402, 0.3190,
0.3649

 1.4226, 0.3499,
0.5885

253.2108, 0.3187,

 0.2333, 0.0000,

0.3625

1.0000

304.3590, 0.3183,
0.3605

0.0000, 0.0000,
0.0000

43.8190, 0.3224,
0.3909

43.8190, 0.3224,
0.3909

42.1595, 0.3260,
0.4211

45.6936, 0.3184,
0.3627

40.7014, 0.3288,
0.4526

47.7852, 0.3141,
0.3368

39.4381, 0.3305,
0.4841

50.1028, 0.3098,
0.3136

38.3605, 0.3309,
0.5141

52.6530, 0.3056,
0.2928

37.4586, 0.3296,
0.5407

55.4426, 0.3015,
0.2744

■ 36.7210, 0.3266,
0.5623

■ 58.4776, 0.2977,
0.2581

■ 36.1350, 0.3221,
0.5776

■ 60.6564, 0.3054,
0.2582

■ 35.8112, 0.3188,
0.5851

■ 62.8458, 0.3146,
0.2602

■ 63.1766, 0.3159,
0.2604

Harmonies

Analogous

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



43.8190, 0.3569, 0.3934



43.8190, 0.3224, 0.3909



43.8190, 0.2866, 0.3685

Triad

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



43.8190, 0.3224, 0.3909



43.8190, 0.2486, 0.2776



43.8190, 0.3689, 0.3206

Complementary

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



43.8190, 0.3224, 0.3909



31.3849, 0.3004, 0.2694

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.



43.8190, 0.3369, 0.2937



43.8190, 0.3224, 0.3909



43.8190, 0.2678, 0.2692

Square

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



43.8190, 0.3224, 0.3909



43.8190, 0.2454, 0.3005



43.8190, 0.2996, 0.2753



43.8190, 0.3851, 0.3507

Rectangle

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



43.8190, 0.3224, 0.3909



43.8190, 0.2667, 0.3461



43.8190, 0.2996, 0.2753



43.8190, 0.3596, 0.3110

Sweetspot

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



43.8209, 0.3224, 0.3909



84.0910, 0.3158, 0.3465



40.9946, 0.3515, 0.3671



18.0802, 0.3160, 0.3480



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.



43.8209, 0.3224, 0.3909



76.8897, 0.3243, 0.4064



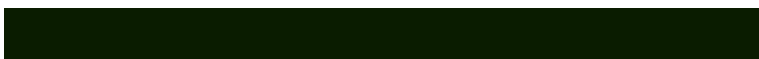
42.5982, 0.3049, 0.3834



10.2088, 0.3167, 0.3523



24.4223, 0.3196, 0.5844



0.8962, 0.3413, 0.5672

Inverse Universe

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



31.3849, 0.3004, 0.2694



50.6331, 0.2970, 0.2552



32.8922, 0.3216, 0.2801



9.0012, 0.3083, 0.3061



5.1588, 0.2356, 0.1071



0.2150, 0.2581, 0.1196

Previews

White Background



This preview shows how the Yxy color 43.8190, 0.3224, 0.3909 looks on a white background.

Color Contrast Check

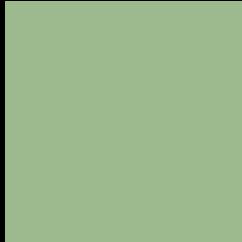
Large Text (above 18pt) WCAG AA × Fail

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 43.8190, 0.3224, 0.3909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

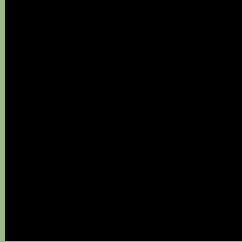
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8190, 0.3224, 0.3909

Background



This preview shows how black text looks on a background with the Yxy color 43.8190, 0.3224, 0.3909.



This preview shows how white text looks on a background with the Yxy color 43.8190, 0.3224, 0.3909.

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

43.8190, 0.3224, 0.3909

Protanopia

43.5770, 0.3561, 0.3798

Deuteranopia

43.6312, 0.3672, 0.3609



Tritanopia

43.6459, 0.2910, 0.3101

Trichromacy



Original Color

43.8190, 0.3224, 0.3909

Protanomaly

43.4514, 0.3440, 0.3841

Deuteranomaly

43.2384, 0.3502, 0.3706

Tritanomaly

43.7851, 0.3022, 0.3387

Monochromacy



Original Color

43.8190, 0.3224, 0.3909

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.2330, 0.3169, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8190, 0.3224, 0.3909 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(157, 185, 142)` looks like.

```
.text, #text, p{  
    color:rgb(157, 185, 142)  
}
```

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(157, 185, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 185, 142) }
```

Border

The CSS property to change the border of an element to Yxy 43.8190, 0.3224, 0.3909 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(157, 185, 142) }
```

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

```
.border{ border-color:rgb(157, 185, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 185, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 185, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 185, 142);  
box-shadow:4px 4px 4px 4px rgb(157, 185,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8190, 0.3224, 0.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 185, 142) }
```

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

```
.background{ background-color: rgb(157,  
185, 142) }
```

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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