

Converting Colors

$Yxy(44.0819, 0.3126, 0.3449)$

Have a look what the booklet for
Yxy(44.0819, 0.3126, 0.3449)
contains.

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Color

Yxy(43.9421, 0.3120, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	A9B4A9
RGB	169, 180, 169
RGB Percent	66%, 71%, 66%
CMY	0.3373, 0.2941, 0.3373
CMYK	0.06, 0.00, 0.06, 0.29
HSL	120°, 7%, 68%
HSV	120°, 6%, 71%
XYZ	39.8429, 43.9421, 43.9166
YIQ	175.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

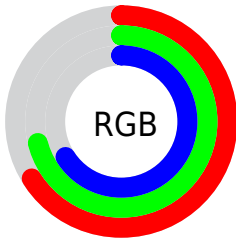
Format	Color
RYB	169, 180, 180
Decimal	11121833
CIELab	72.19, -5.93, 4.28
CIELCh	72, 7.310, 144.149
Yxy	43.9421, 0.3120, 0.3441
Android (android.graphics.Color)	4289311913 (0xFFA9B4A9)
YUV	175.4570, -3.1833, -5.6628
Hunter-Lab	66.2888, -8.7181, 7.1224

Details

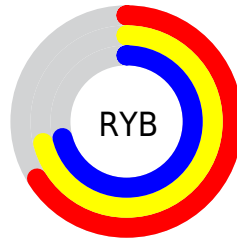
The Yxy color **43.9421, 0.3120, 0.3441** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3716, 0.3134, 0.3143**, and the grayscale version is **43.1369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2200, 0.3121, 0.3417**, and **20.2450, 0.3118, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **41.4586, 0.3107, 0.3715**, and if you desaturate by 10%, it is **46.7964, 0.3131, 0.3201**.

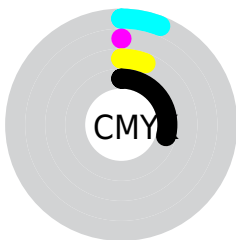
Distribution



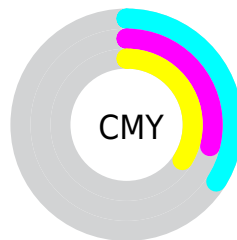
- Red (66%)
- Green (71%)
- Blue (66%)



- Red (66%)
- Yellow (71%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)





- Cyan (34%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9421, 0.3120, 0.3441 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 43.9421, 0.3120, 0.3441 by changing the saturation by 10% instead.


 43.9421, 0.3120,
0.3441


 43.9421, 0.3120,
0.3441


362.4720, 0.3124,
0.3364

 30.6250, 0.3119,
0.3461


 81.1306, 0.3122,
0.3413

 20.3135, 0.3117,
0.3486


 105.7708, 0.3122,
0.3402

 12.6231, 0.3115,
0.3521


134.9541, 0.3123,
0.3393

 7.1695, 0.3112,
0.3571

169.0650, 0.3123,
0.3386

 3.5684, 0.3106,
0.3648

208.4879, 0.3123,
0.3379

 1.4352, 0.3094,
0.3782

253.6070, 0.3124,

 0.2424, 0.2613,

0.3374

0.7387

304.8069, 0.3124,
0.3369

0.0000, 0.0000,
0.0000

43.9421, 0.3120,
0.3441

43.9421, 0.3120,
0.3441

41.4586, 0.3107,
0.3715

46.7964, 0.3131,
0.3201

39.3253, 0.3092,
0.4023

50.0299, 0.3141,
0.2993

37.5283, 0.3077,
0.4359

53.6577, 0.3150,
0.2814

36.0503, 0.3060,
0.4712

57.6926, 0.3157,
0.2660

34.8727, 0.3043,
0.5064

61.1256, 0.3162,
0.2556

■ 33.9750, 0.3028,
0.5389

■ 33.3339, 0.3016,
0.5661

■ 32.9227, 0.3006,
0.5857

■ 32.7062, 0.3001,
0.5968

Harmonies

Analogous

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



43.9421, 0.3223, 0.3472



43.9421, 0.3120, 0.3441



43.9421, 0.3020, 0.3367

Triad

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



43.9421, 0.3120, 0.3441



43.9421, 0.2955, 0.3127



43.9421, 0.3308, 0.3303

Complementary

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



43.9421, 0.3120, 0.3441



41.3716, 0.3134, 0.3143

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.



43.9421, 0.3234, 0.3214



43.9421, 0.3120, 0.3441



43.9421, 0.3030, 0.3114

Square

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



43.9421, 0.3120, 0.3441



43.9421, 0.2926, 0.3185



43.9421, 0.3132, 0.3146



43.9421, 0.3333, 0.3391

Rectangle

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



43.9421, 0.3120, 0.3441



43.9421, 0.2969, 0.3305



43.9421, 0.3132, 0.3146



43.9421, 0.3288, 0.3273

Sweetspot

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



43.9440, 0.3120, 0.3441



81.7039, 0.3125, 0.3339



45.2140, 0.3216, 0.3437



17.6711, 0.3125, 0.3336



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



43.9440, 0.3120, 0.3441



79.1927, 0.3119, 0.3467



44.1549, 0.3077, 0.3365



9.5962, 0.3118, 0.3476



22.7827, 0.3000, 0.5999



0.7169, 0.2999, 0.5997

Inverse Universe

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



41.3716, 0.3134, 0.3143



73.8036, 0.3135, 0.3119



41.1518, 0.3181, 0.3216



8.9128, 0.3136, 0.3111



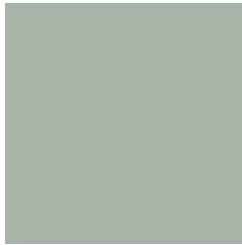
9.0681, 0.3211, 0.1543



0.2854, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 43.9421, 0.3120, 0.3441 looks on a white background.

Color Contrast Check

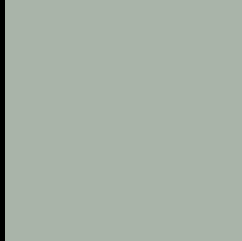
Large Text (above 18pt) WCAG AA × Fail

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 43.9421, 0.3120, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

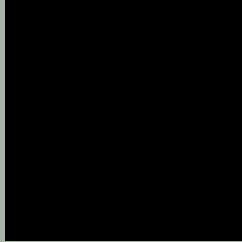
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

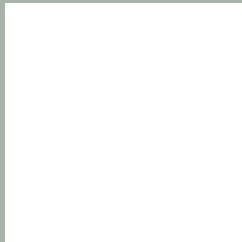
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9421, 0.3120, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 43.9421, 0.3120, 0.3441.



This preview shows how white text looks on a background with the Yxy color 43.9421, 0.3120, 0.3441.

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

43.9421, 0.3120, 0.3441

Protanopia

43.7858, 0.3255, 0.3410

Deuteranopia

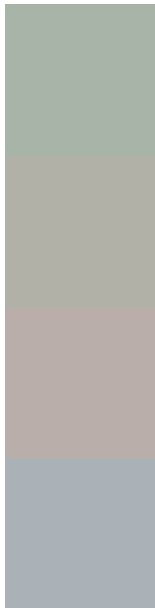
43.8019, 0.3357, 0.3291



Tritanopia

43.9765, 0.2974, 0.3104

Trichromacy



Original Color

43.9421, 0.3120, 0.3441

Protanomaly

43.6185, 0.3201, 0.3412

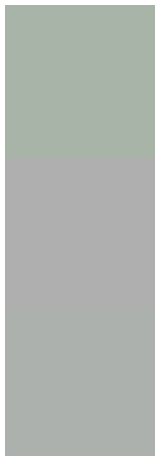
Deuteranomaly

43.6135, 0.3269, 0.3343

Tritanomaly

43.9176, 0.3028, 0.3223

Monochromacy



Original Color

43.9421, 0.3120, 0.3441

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.3456, 0.3125, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9421, 0.3120, 0.3441 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(169, 180, 169)` looks like.

```
.text, #text, p{  
    color:rgb(169, 180, 169)  
}
```

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(169, 180, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 180, 169) }
```

Border

The CSS property to change the border of an element to Yxy 43.9421, 0.3120, 0.3441 is called "border". The border property can be set on classes, ids or directly on the HTML element.

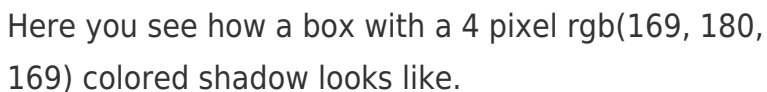
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 180, 169) }
```

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

```
.border{ border-color:rgb(169, 180, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 180, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 180, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 180, 169); box-shadow:4px 4px 4px 4px rgb(169, 180, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9421, 0.3120, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 180, 169) }
```

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

```
.background{ background-color: rgb(169,  
180, 169) }
```

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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