

Converting Colors

$Y_{xy}(43.7221, 0.3132, 0.3403)$

Have a look what the booklet for
Yxy(43.7221, 0.3132, 0.3403)
contains.

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Color

Yxy(43.9131, 0.3139, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	ACB3AA
RGB	172, 179, 170
RGB Percent	67%, 70%, 67%
CMY	0.3255, 0.2980, 0.3334
CMYK	0.04, 0.00, 0.05, 0.30
HSL	106°, 6%, 68%
HSV	106°, 5%, 70%
XYZ	40.3877, 43.9131, 44.3634
YIQ	175.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

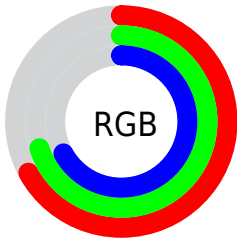
Format	Color
RYB	170, 179, 177
Decimal	11318186
CIELab	72.17, -4.14, 3.75
CIELCh	72, 5.588, 137.867
Yxy	43.9131, 0.3139, 0.3413
Android (android.graphics.Color)	4289508266 (0xFFACB3AA)
YUV	175.8810, -2.8993, -3.4036
Hunter-Lab	66.2670, -7.1768, 6.6943

Details

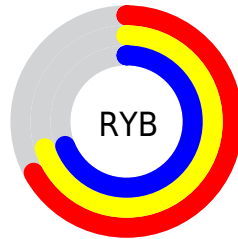
The Yxy color **43.9131, 0.3139, 0.3413** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3379, 0.3115, 0.3169**, and the grayscale version is **43.3672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1838, 0.3136, 0.3395**, and **20.2228, 0.3144, 0.3441** is the 20% darker color. If you saturate the color by 10%, you get **41.7946, 0.3161, 0.3678**, and if you desaturate by 10%, it is **46.2914, 0.3115, 0.3176**.

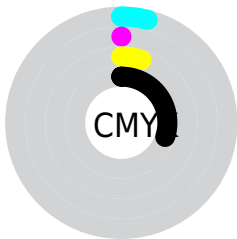
Distribution



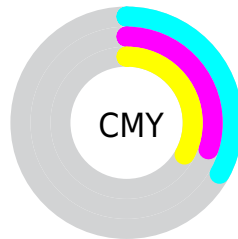
- Red (67%)
- Green (70%)
- Blue (67%)



- Red (67%)
- Yellow (70%)
- Blue (69%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (30%)



- Cyan (33%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9131, 0.3139, 0.3413 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 43.9131, 0.3139, 0.3413 by changing the saturation by 10% instead.

■ 43.9131, 0.3139,
0.3413

■ 43.9131, 0.3139,
0.3413

362.3535, 0.3133,
0.3351

■ 30.6022, 0.3140,
0.3429

■ 81.0870, 0.3137,
0.3390

■ 20.2961, 0.3142,
0.3450

105.7187, 0.3136,
0.3381

■ 12.6105, 0.3144,
0.3478

134.8929, 0.3136,
0.3374

■ 7.1609, 0.3147,
0.3518

168.9938, 0.3135,
0.3368

■ 3.5629, 0.3152,
0.3580

208.4060, 0.3134,
0.3363

■ 1.4322, 0.3158,
0.3687

253.5137, 0.3134,

■ 0.2403, 0.3462,

0.3358

0.6538

304.7014, 0.3134,
0.3354

0.0000, 0.0000,
0.0000

43.9131, 0.3139,
0.3413

43.9131, 0.3139,
0.3413

41.7946, 0.3161,
0.3678

46.2914, 0.3115,
0.3176

39.9216, 0.3181,
0.3971

48.9323, 0.3091,
0.2967

38.2867, 0.3197,
0.4286

51.8453, 0.3068,
0.2783

36.8802, 0.3205,
0.4615

55.0382, 0.3045,
0.2622

35.6916, 0.3206,
0.4945

58.2265, 0.3056,
0.2521

■ 34.7096, 0.3196,
0.5256

■ 60.7224, 0.3162,
0.2546

■ 33.9216, 0.3174,
0.5527

■ 33.3138, 0.3143,
0.5739

■ 32.8702, 0.3103,
0.5880

Harmonies

Analogous

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



43.9131, 0.3215, 0.3429



43.9131, 0.3139, 0.3413



43.9131, 0.3060, 0.3363

Triad

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



43.9131, 0.3139, 0.3413



43.9131, 0.2987, 0.3172



43.9131, 0.3256, 0.3286

Complementary

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



43.9131, 0.3139, 0.3413



41.3379, 0.3115, 0.3169

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.



43.9131, 0.3194, 0.3219



43.9131, 0.3139, 0.3413



43.9131, 0.3039, 0.3154

Square

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



43.9131, 0.3139, 0.3413



43.9131, 0.2973, 0.3223



43.9131, 0.3114, 0.3171



43.9131, 0.3284, 0.3354

Rectangle

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



43.9131, 0.3139, 0.3413



43.9131, 0.3017, 0.3317



43.9131, 0.3114, 0.3171



43.9131, 0.3238, 0.3263

Sweetspot

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



43.9150, 0.3139, 0.3413



79.8783, 0.3132, 0.3339



43.8895, 0.3202, 0.3383



17.7070, 0.3132, 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.



43.9150, 0.3139, 0.3413



78.2232, 0.3141, 0.3440



43.7786, 0.3102, 0.3380



9.7148, 0.3142, 0.3450



23.1301, 0.3092, 0.5927



0.7539, 0.3292, 0.5768

Inverse Universe

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



41.3379, 0.3115, 0.3169



72.6819, 0.3112, 0.3143



41.4818, 0.3153, 0.3201



8.9795, 0.3111, 0.3132



6.1905, 0.2653, 0.1235



0.2186, 0.2817, 0.1325

Previews

White Background



This preview shows how the Yxy color 43.9131, 0.3139, 0.3413 looks on a white background.

Color Contrast Check

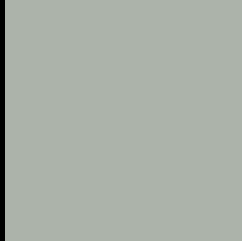
Large Text (above 18pt) WCAG AA × Fail

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 43.9131, 0.3139, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

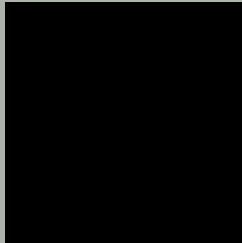
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

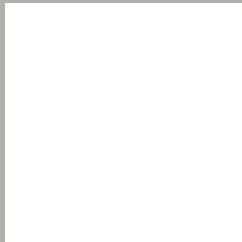
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9131, 0.3139, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 43.9131, 0.3139, 0.3413.



This preview shows how white text looks on a background with the Yxy color 43.9131, 0.3139, 0.3413.

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

43.9131, 0.3139, 0.3413

Protanopia

43.8229, 0.3247, 0.3397

Deuteranopia

43.8401, 0.3348, 0.3278



Tritanopia

43.8823, 0.3007, 0.3105

Trichromacy



Original Color

43.9131, 0.3139, 0.3413

Protanomaly

43.7738, 0.3201, 0.3398

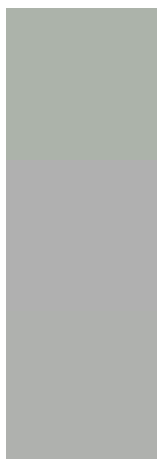
Deuteranomaly

43.7772, 0.3269, 0.3330

Tritanomaly

43.8618, 0.3053, 0.3210

Monochromacy



Original Color

43.9131, 0.3139, 0.3413

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6142, 0.3134, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9131, 0.3139, 0.3413 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(172, 179, 170)` looks like.

```
.text, #text, p{  
    color:rgb(172, 179, 170)  
}
```

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(172, 179, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 179, 170) }
```

Border

The CSS property to change the border of an element to Yxy 43.9131, 0.3139, 0.3413 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(172, 179, 170) }
```

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

```
.border{ border-color:rgb(172, 179, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 179, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 179, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 179, 170);  
box-shadow:4px 4px 4px 4px rgb(172, 179,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9131, 0.3139, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 179, 170) }
```

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

```
.background{ background-color: rgb(172,  
179, 170) }
```

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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