

Converting Colors

Yxy(43.8966, 0.3110, 0.3182)

Have a look what the booklet for
Yxy(43.8966, 0.3110, 0.3182)
contains.

Yxy(43.9026, 0.3115, 0.3185)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.9026, 0.3115, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	B5AFB7
RGB	181, 175, 183
RGB Percent	71%, 69%, 72%
CMY	0.2901, 0.3137, 0.2824
CMYK	0.01, 0.04, 0.00, 0.28
HSL	285°, 5%, 70%
HSV	285°, 4%, 72%
XYZ	42.9377, 43.9026, 51.0015
YIQ	177.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

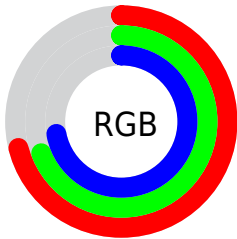
Format	Color
R _Y B	181, 175, 183
Decimal	11906999
CIE Lab	72.16, 3.64, -3.32
CIE LCh	72, 4.923, 317.627
Yxy	43.9026, 0.3115, 0.3185
Android (android.graphics.Color)	4290097079 (0xFFB5AFB7)
YUV	177.7060, 2.6099, 2.8888
Hunter-Lab	66.2590, -0.2803, 0.7441

Details

The Yxy color $43.9026, 0.3115, 0.3185$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.2961, 0.3139, 0.3396$, and the grayscale version is $44.3457, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.3883, 0.3117, 0.3208$, and $20.3668, 0.3109, 0.3164$ is the 20% darker color. If you saturate the color by 10%, you get $36.7265, 0.3083, 0.2934$, and if you desaturate by 10%, it is $52.0649, 0.3141, 0.3421$.

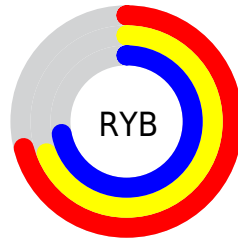
Distribution



Red (71%)

Green (69%)

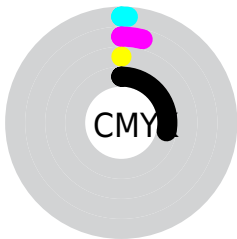
Blue (72%)



Red (71%)

Yellow (69%)

Blue (72%)

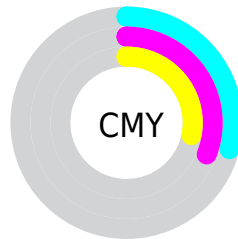


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9026, 0.3115, 0.3185 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 43.9026, 0.3115, 0.3185 by changing the saturation by 10% instead.

■ 43.9026, 0.3115,
0.3185

■ 43.9026, 0.3115,
0.3185

362.3107, 0.3121,
0.3238

■ 30.5939, 0.3113,
0.3172

■ 81.0712, 0.3117,
0.3204

■ 20.2898, 0.3111,
0.3155

105.6999, 0.3118,
0.3211

■ 12.6059, 0.3108,
0.3132

134.8707, 0.3119,
0.3218

■ 7.1577, 0.3104,
0.3100

168.9680, 0.3120,
0.3223

■ 3.5609, 0.3097,
0.3052

208.3763, 0.3120,
0.3227

■ 1.4311, 0.3085,
0.2971

253.4799, 0.3121,

■ 0.2395, 0.3017,

0.3231

0.2284

304.6632, 0.3121,
0.3235

■ 0.0000, 0.0000,
0.0000

■ 43.9026, 0.3115,
0.3185

■ 43.9026, 0.3115,
0.3185

■ 36.7265, 0.3083,
0.2934

■ 52.0649, 0.3141,
0.3421

■ 30.4924, 0.3045,
0.2673

■ 61.2444, 0.3162,
0.3640

■ 25.1607, 0.3000,
0.2408

■ 71.4775, 0.3179,
0.3840

■ 20.6871, 0.2948,
0.2146

■ 82.7973, 0.3192,
0.4023

■ 17.0233, 0.2891,
0.1899

■ 87.6854, 0.3214,
0.4082

■ 14.1165, 0.2829,
0.1677

■ 88.3229, 0.3242,
0.4075

■ 11.9069, 0.2764,
0.1490

■ 88.9785, 0.3271,
0.4068

■ 10.3262, 0.2699,
0.1346

■ 89.6525, 0.3300,
0.4061

■ 9.2915, 0.2635,
0.1248

■ 90.3451, 0.3329,
0.4054

Harmonies

Analogous

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



43.9026, 0.3049, 0.3170



43.9026, 0.3115, 0.3185



43.9026, 0.3185, 0.3227

Triad

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



43.9026, 0.3115, 0.3185



43.9026, 0.3252, 0.3393



43.9026, 0.3015, 0.3293

Complementary

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



43.9026, 0.3115, 0.3185



46.2961, 0.3139, 0.3396

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.



43.9026, 0.3069, 0.3354



43.9026, 0.3115, 0.3185



43.9026, 0.3205, 0.3412

Square

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



43.9026, 0.3115, 0.3185



43.9026, 0.3265, 0.3347



43.9026, 0.3138, 0.3398



43.9026, 0.2992, 0.3231

Rectangle

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



43.9026, 0.3115, 0.3185



43.9026, 0.3225, 0.3265



43.9026, 0.3138, 0.3398



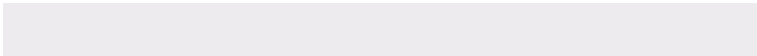
43.9026, 0.3030, 0.3314

Sweetspot

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



43.9045, 0.3115, 0.3185



83.3439, 0.3124, 0.3266



43.9731, 0.3062, 0.3210



18.4248, 0.3125, 0.3267



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.



43.9045, 0.3115, 0.3185



77.6678, 0.3113, 0.3168



44.0593, 0.3148, 0.3212



9.6681, 0.3111, 0.3155



6.2082, 0.2606, 0.1209



0.2458, 0.2770, 0.1300

Inverse Universe

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



43.8957, 0.3182, 0.3265



77.6508, 0.3191, 0.3260



46.1480, 0.3107, 0.3370



9.6659, 0.3198, 0.3257



7.1628, 0.5918, 0.3034



0.2626, 0.5176, 0.2625

Previews

White Background



This preview shows how the Yxy color 43.9026, 0.3115, 0.3185 looks on a white background.

Color Contrast Check

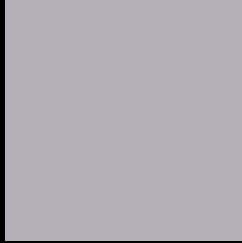
Large Text (above 18pt) WCAG AA × Fail

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 43.9026, 0.3115, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

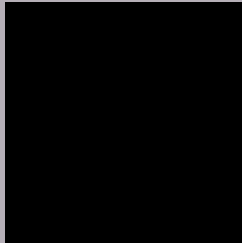
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

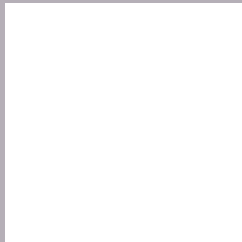
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9026, 0.3115, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 43.9026, 0.3115, 0.3185.



This preview shows how white text looks on a background with the Yxy color 43.9026, 0.3115, 0.3185.

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

43.9026, 0.3115, 0.3185

Protanopia

43.9763, 0.3080, 0.3184

Deuteranopia

44.0421, 0.3197, 0.3137



Tritanopia

43.8480, 0.3083, 0.3108

Trichromacy



Original Color

43.9026, 0.3115, 0.3185

Protanomaly

44.0951, 0.3089, 0.3185

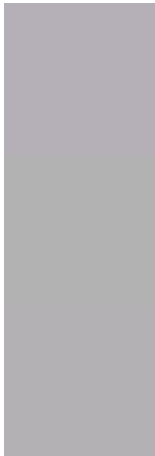
Deuteranomaly

43.9126, 0.3160, 0.3148

Tritanomaly

43.7624, 0.3099, 0.3133

Monochromacy



Original Color

43.9026, 0.3115, 0.3185

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3233, 0.3120, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9026, 0.3115, 0.3185 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(181, 175, 183)` looks like.

```
.text, #text, p{  
    color:rgb(181, 175, 183)  
}
```

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(181, 175, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 175, 183) }
```

Border

The CSS property to change the border of an element to Yxy 43.9026, 0.3115, 0.3185 is called "border". The border property can be set on classes, ids or directly on the HTML element.

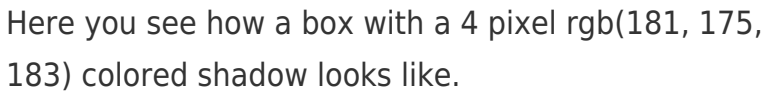
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 175, 183) }
```

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

```
.border{ border-color:rgb(181, 175, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 175, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 175, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 175, 183); box-shadow:4px 4px 4px 4px rgb(181, 175, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9026, 0.3115, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 175, 183) }
```

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

```
.background{ background-color: rgb(181,  
175, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor