

Converting Colors

$Yxy(43.7564, 0.3140, 0.3188)$

Have a look what the booklet for
Yxy(43.7564, 0.3140, 0.3188)
contains.

Yxy(43.7168, 0.3141, 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(43.7168, 0.3141, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	B7AEB6
RGB	183, 174, 182
RGB Percent	72%, 68%, 71%
CMY	0.2823, 0.3177, 0.2862
CMYK	0.00, 0.05, 0.01, 0.28
HSL	307°, 6%, 70%
HSV	307°, 5%, 72%
XYZ	43.1129, 43.7168, 50.4287
YIQ	177.6030, 2.7960, 4.3960

Conversions

Conversions Part 2

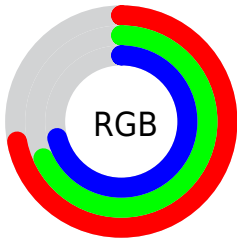
Format	Color
RYB	183, 174, 182
Decimal	12037814
CIELab	72.04, 4.69, -2.95
CIElCh	72, 5.544, 327.865
Yxy	43.7168, 0.3141, 0.3185
Android (android.graphics.Color)	4290227894 (0xFFB7AEB6)
YUV	177.6030, 2.1677, 4.7332
Hunter-Lab	66.1187, 0.6837, 1.0626

Details

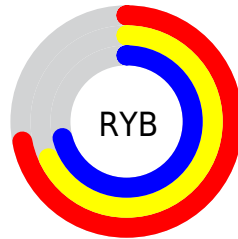
The Yxy color **43.7168, 0.3141, 0.3185** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.9700, 0.3114, 0.3397**, and the grayscale version is **44.2902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5624, 0.3138, 0.3198**, and **20.2499, 0.3145, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **37.0384, 0.3172, 0.2966**, and if you desaturate by 10%, it is **51.3638, 0.3114, 0.3395**.

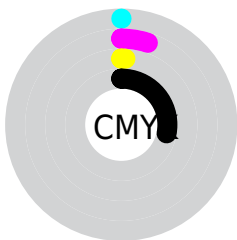
Distribution



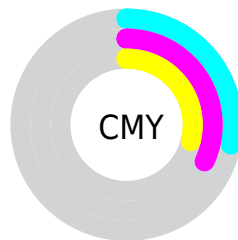
- Red (72%)
- Green (68%)
- Blue (71%)



- Red (72%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (28%)



- Cyan (28%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7168, 0.3141, 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 43.7168, 0.3141, 0.3185 by changing the saturation by 10% instead.

■ 43.7168, 0.3141,
0.3185

■ 43.7168, 0.3141,
0.3185

361.5514, 0.3134,
0.3238

■ 30.4479, 0.3143,
0.3172

■ 80.7914, 0.3139,
0.3204

■ 20.1788, 0.3145,
0.3155

105.3660, 0.3138,
0.3211

■ 12.5251, 0.3148,
0.3132

134.4779, 0.3137,
0.3218

■ 7.1024, 0.3151,
0.3100

168.5115, 0.3136,
0.3223

■ 3.5262, 0.3157,
0.3052

207.8513, 0.3136,
0.3227

■ 1.4122, 0.3166,
0.2971

252.8816, 0.3135,

■ 0.2257, 0.3269,

0.3231

0.2242

303.9868, 0.3135,
0.3235

0.0000, 0.0000,
0.0000

43.7168, 0.3141,
0.3185

43.7168, 0.3141,
0.3185

37.0384, 0.3172,
0.2966

51.3638, 0.3114,
0.3395

31.2842, 0.3206,
0.2743

60.0101, 0.3090,
0.3594

26.4147, 0.3244,
0.2523

69.6924, 0.3070,
0.3779

22.3856, 0.3285,
0.2313

80.4436, 0.3052,
0.3949

19.1484, 0.3328,
0.2123

85.4066, 0.3039,
0.4004

■ 16.6499, 0.3371,
0.1962

■ 85.4981, 0.3028,
0.3980

■ 14.8305, 0.3414,
0.1838

■ 85.5908, 0.3018,
0.3955

■ 13.6210, 0.3455,
0.1757

■ 85.6848, 0.3007,
0.3931

■ 12.9374, 0.3493,
0.1719

■ 85.7801, 0.2996,
0.3907

Harmonies

Analogous

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



43.7168, 0.3062, 0.3157



43.7168, 0.3141, 0.3185



43.7168, 0.3217, 0.3240

Triad

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



43.7168, 0.3141, 0.3185



43.7168, 0.3254, 0.3418



43.7168, 0.2988, 0.3268

Complementary

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



43.7168, 0.3141, 0.3185



45.9700, 0.3114, 0.3397

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.



43.7168, 0.3038, 0.3340



43.7168, 0.3141, 0.3185



43.7168, 0.3191, 0.3427

Square

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



43.7168, 0.3141, 0.3185



43.7168, 0.3282, 0.3374



43.7168, 0.3112, 0.3399



43.7168, 0.2974, 0.3204

Rectangle

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



43.7168, 0.3141, 0.3185



43.7168, 0.3255, 0.3286



43.7168, 0.3112, 0.3399



43.7168, 0.3001, 0.3292

Sweetspot

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



43.7187, 0.3141, 0.3185



83.4280, 0.3130, 0.3269



42.7927, 0.3062, 0.3169



18.4424, 0.3130, 0.3270



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.



43.7187, 0.3141, 0.3185



76.7941, 0.3144, 0.3160



43.5393, 0.3178, 0.3243



9.5778, 0.3146, 0.3150



8.8628, 0.3508, 0.1706



0.3174, 0.3421, 0.1658

Inverse Universe

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



43.7187, 0.3141, 0.3185



76.7941, 0.3144, 0.3160



46.1460, 0.3079, 0.3338



9.5778, 0.3146, 0.3150



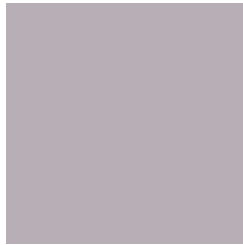
8.8628, 0.3508, 0.1706



0.3174, 0.3421, 0.1658

Previews

White Background



This preview shows how the Yxy color 43.7168, 0.3141, 0.3185 looks on a white background.

Color Contrast Check

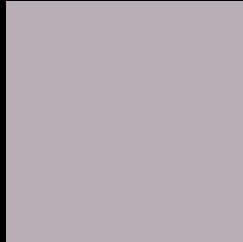
Large Text (above 18pt) WCAG AA × Fail

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 43.7168, 0.3141, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

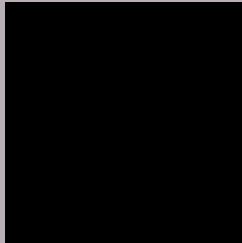
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

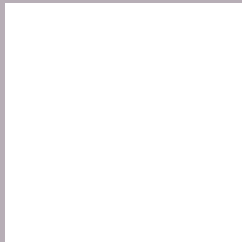
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7168, 0.3141, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 43.7168, 0.3141, 0.3185.



This preview shows how white text looks on a background with the Yxy color 43.7168, 0.3141, 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

43.7168, 0.3141, 0.3185

Protanopia

43.9345, 0.3088, 0.3197

Deuteranopia

43.6211, 0.3206, 0.3136



Tritanopia

43.6653, 0.3109, 0.3108

Trichromacy



Original Color

43.7168, 0.3141, 0.3185

Protanomaly

43.7821, 0.3106, 0.3185

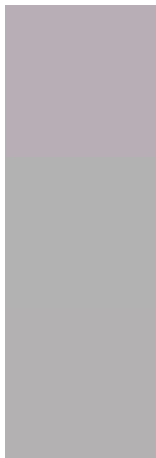
Deuteranomaly

43.6153, 0.3179, 0.3148

Tritanomaly

43.5803, 0.3126, 0.3134

Monochromacy



Original Color

43.7168, 0.3141, 0.3185

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4023, 0.3137, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7168, 0.3141, 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(183, 174, 182)` looks like.

```
.text, #text, p{  
    color:rgb(183, 174, 182)  
}
```

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(183, 174, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 174, 182) }
```

Border

The CSS property to change the border of an element to Yxy 43.7168, 0.3141, 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(183, 174, 182) }
```

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

```
.border{ border-color:rgb(183, 174, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 174, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 174, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 174, 182);  
box-shadow:4px 4px 4px 4px rgb(183, 174,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7168, 0.3141, 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(183, 174, 182) }
```

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

```
.background{ background-color: rgb(183,  
174, 182) }
```

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