

Converting Colors

Yxy(43.9683, 0.3146, 0.3264)

Have a look what the booklet for
Yxy(43.9683, 0.3146, 0.3264)
contains.

Yxy(43.9683, 0.3146, 0.3264)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.9683, 0.3146, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	B4B0B2
RGB	180, 176, 178
RGB Percent	71%, 69%, 70%
CMY	0.2942, 0.3098, 0.3021
CMYK	0.00, 0.02, 0.01, 0.29
HSL	330°, 3%, 70%
HSV	330°, 2%, 71%
XYZ	42.3788, 43.9683, 48.3597
YIQ	177.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

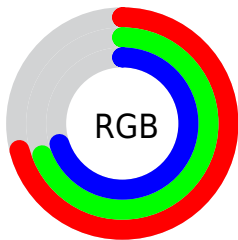
Format	Color
RYB	180, 176, 178
Decimal	11841714
CIELab	72.21, 1.78, -0.51
CIElCh	72, 1.848, 343.896
Yxy	43.9683, 0.3146, 0.3264
Android (android.graphics.Color)	4290031794 (0xFFB4B0B2)
YUV	177.4240, 0.2840, 2.2592
Hunter-Lab	66.3086, -1.9582, 3.1750

Details

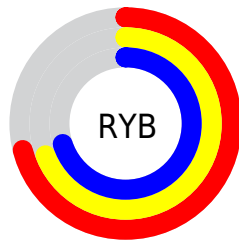
The Yxy color **43.9683, 0.3146, 0.3264** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.0829, 0.3109, 0.3316**, and the grayscale version is **44.1980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4866, 0.3142, 0.3270**, and **20.4080, 0.3152, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **37.0198, 0.3242, 0.3142**, and if you desaturate by 10%, it is **51.8806, 0.3067, 0.3379**.

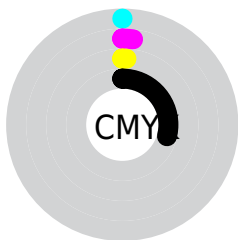
Distribution



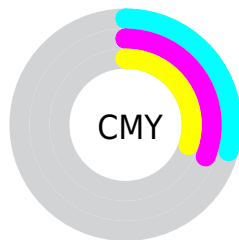
- Red (71%)
- Green (69%)
- Blue (70%)



- Red (71%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9683, 0.3146, 0.3264 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 43.9683, 0.3146, 0.3264 by changing the saturation by 10% instead.

■ 43.9683, 0.3146,
0.3264

■ 43.9683, 0.3146,
0.3264

362.5789, 0.3137,
0.3277

■ 30.6456, 0.3148,
0.3261

■ 81.1700, 0.3143,
0.3269

■ 20.3291, 0.3151,
0.3256

105.8179, 0.3141,
0.3271

■ 12.6345, 0.3156,
0.3251

135.0095, 0.3140,
0.3272

■ 7.1774, 0.3161,
0.3242

169.1294, 0.3139,
0.3273

■ 3.5733, 0.3170,
0.3230

208.5618, 0.3138,
0.3275

■ 1.4378, 0.3186,
0.3209

253.6913, 0.3138,

■ 0.2444, 0.3353,

0.3276

0.2973

304.9022, 0.3137,
0.3276

0.0000, 0.0000,
0.0000

43.9683, 0.3146,
0.3264

43.9683, 0.3146,
0.3264

37.0198, 0.3242,
0.3142

51.8806, 0.3067,
0.3379

30.9925, 0.3357,
0.3014

60.7860, 0.3001,
0.3485

25.8488, 0.3495,
0.2883

70.7197, 0.2947,
0.3583

21.5465, 0.3658,
0.2754

81.7133, 0.2902,
0.3672

18.0397, 0.3847,
0.2634

86.5739, 0.2858,
0.3641

■ 15.2783, 0.4061,
0.2534

■ 87.0792, 0.2811,
0.3537

■ 13.2064, 0.4296,
0.2465

■ 87.6113, 0.2766,
0.3435

■ 11.7600, 0.4544,
0.2440

■ 88.1705, 0.2721,
0.3335

■ 10.8628, 0.4790,
0.2467

■ 88.4414, 0.2701,
0.3289

Harmonies

Analogous

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



43.9683, 0.3119, 0.3249



43.9683, 0.3146, 0.3264



43.9683, 0.3168, 0.3286

Triad

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



43.9683, 0.3146, 0.3264



43.9683, 0.3159, 0.3336



43.9683, 0.3077, 0.3271

Complementary

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



43.9683, 0.3146, 0.3264



45.0829, 0.3109, 0.3316

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.



43.9683, 0.3087, 0.3294



43.9683, 0.3146, 0.3264



43.9683, 0.3135, 0.3332

Square

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



43.9683, 0.3146, 0.3264



43.9683, 0.3175, 0.3327



43.9683, 0.3108, 0.3317



43.9683, 0.3079, 0.3253

Rectangle

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



43.9683, 0.3146, 0.3264



43.9683, 0.3176, 0.3302



43.9683, 0.3108, 0.3317



43.9683, 0.3079, 0.3279

Sweetspot

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



43.9702, 0.3146, 0.3264



81.3574, 0.3136, 0.3278



43.8148, 0.3112, 0.3237



17.6003, 0.3135, 0.3279



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.



43.9702, 0.3146, 0.3264



78.6122, 0.3153, 0.3254



43.8918, 0.3162, 0.3290



9.4363, 0.3159, 0.3246



7.2896, 0.4951, 0.2501



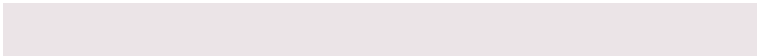
0.2412, 0.4342, 0.2166

Inverse Universe

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



43.9702, 0.3146, 0.3264



78.6122, 0.3153, 0.3254



45.1624, 0.3093, 0.3290



9.4363, 0.3159, 0.3246



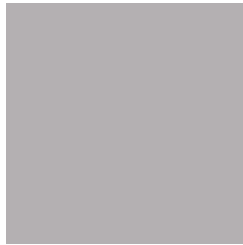
7.2896, 0.4951, 0.2501



0.2412, 0.4342, 0.2166

Previews

White Background



This preview shows how the Yxy color 43.9683, 0.3146, 0.3264 looks on a white background.

Color Contrast Check

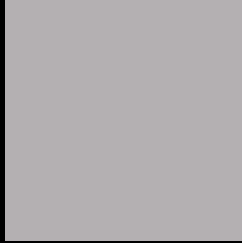
Large Text (above 18pt) WCAG AA × Fail

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 43.9683, 0.3146, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

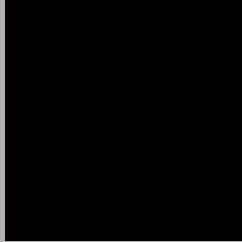
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

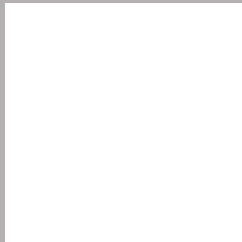
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9683, 0.3146, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 43.9683, 0.3146, 0.3264.

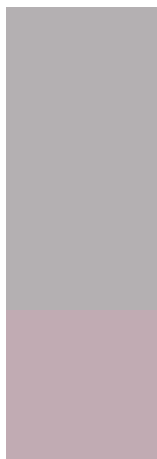


This preview shows how white text looks on a background with the Yxy color 43.9683, 0.3146, 0.3264.

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

43.9683, 0.3146, 0.3264

Protanopia

43.9683, 0.3146, 0.3264

Deuteranopia

43.7179, 0.3259, 0.3188



Tritanopia

43.8480, 0.3083, 0.3108

Trichromacy



Original Color

43.9683, 0.3146, 0.3264

Protanomaly

43.9683, 0.3146, 0.3264

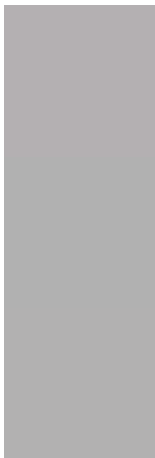
Deuteranomaly

43.8332, 0.3211, 0.3212

Tritanomaly

43.9444, 0.3106, 0.3172

Monochromacy



Original Color

43.9683, 0.3146, 0.3264

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.0836, 0.3136, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9683, 0.3146, 0.3264 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(180, 176, 178)` looks like.

```
.text, #text, p{  
    color:rgb(180, 176, 178)  
}
```

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(180, 176, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 176, 178) }
```

Border

The CSS property to change the border of an element to Yxy 43.9683, 0.3146, 0.3264 is called "border". The border property can be set on classes, ids or directly on the HTML element.

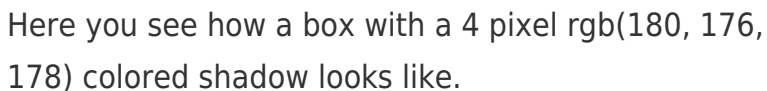
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 176, 178) }
```

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

```
.border{ border-color:rgb(180, 176, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 176, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 176, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 176, 178); box-shadow:4px 4px 4px 4px rgb(180, 176, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9683, 0.3146, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 176, 178) }
```

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

```
.background{ background-color: rgb(180,  
176, 178) }
```

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