

Converting Colors

$Y_{xy}(43.7937, 0.3165, 0.3250)$

Have a look what the booklet for
Yxy(43.7937, 0.3165, 0.3250)
contains.

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Color

Yxy(43.8194, 0.3164, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	B6AFB2
RGB	182, 175, 178
RGB Percent	71%, 69%, 70%
CMY	0.2865, 0.3136, 0.3020
CMYK	0.00, 0.04, 0.02, 0.29
HSL	334°, 5%, 70%
HSV	334°, 4%, 71%
XYZ	42.6467, 43.8194, 48.3213
YIQ	177.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

Format	Color
RYB	182, 175, 178
Decimal	11972530
CIELab	72.11, 3.01, -0.64
CIELCh	72, 3.077, 347.917
Yxy	43.8194, 0.3164, 0.3251
Android (android.graphics.Color)	4290162610 (0xFFB6AFB2)
YUV	177.4350, 0.2785, 4.0035
Hunter-Lab	66.1962, -0.8452, 3.0574

Details

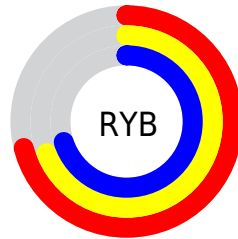
The Yxy color **43.8194, 0.3164, 0.3251** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.8055, 0.3092, 0.3329**, and the grayscale version is **44.2015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2695, 0.3156, 0.3259**, and **20.3137, 0.3178, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **36.8058, 0.3275, 0.3144**, and if you desaturate by 10%, it is **51.8229, 0.3073, 0.3351**.

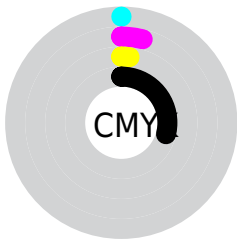
Distribution



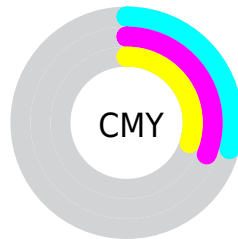
- Red (71%)
- Green (69%)
- Blue (70%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8194, 0.3164, 0.3251 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 43.8194, 0.3164, 0.3251 by changing the saturation by 10% instead.

■ 43.8194, 0.3164,
0.3251

■ 43.8194, 0.3164,
0.3251

361.9708, 0.3145,
0.3271

■ 30.5286, 0.3169,
0.3246

■ 80.9459, 0.3157,
0.3258

■ 20.2401, 0.3175,
0.3240

105.5504, 0.3155,
0.3261

■ 12.5697, 0.3183,
0.3231

134.6948, 0.3153,
0.3263

■ 7.1329, 0.3194,
0.3219

168.7637, 0.3151,
0.3265

■ 3.5454, 0.3212,
0.3200

208.1413, 0.3149,
0.3267

■ 1.4227, 0.3242,
0.3169

253.2121, 0.3148,

■ 0.2333, 0.3567,

0.3268

0.2819

304.3605, 0.3147,
0.3270

0.0000, 0.0000,
0.0000

43.8194, 0.3164,
0.3251

43.8194, 0.3164,
0.3251

36.8058, 0.3275,
0.3144

51.8229, 0.3073,
0.3351

30.7377, 0.3409,
0.3032

60.8471, 0.2998,
0.3444

25.5761, 0.3570,
0.2918

70.9284, 0.2936,
0.3529

21.2766, 0.3762,
0.2806

82.0997, 0.2885,
0.3607

17.7914, 0.3986,
0.2705

87.1745, 0.2835,
0.3564

■ 15.0678, 0.4240,
0.2625

■ 87.7772, 0.2782,
0.3447

■ 13.0469, 0.4519,
0.2577

■ 88.4155, 0.2731,
0.3333

■ 11.6611, 0.4808,
0.2574

■ 88.6788, 0.2711,
0.3289

■ 10.8288, 0.5092,
0.2624

Harmonies

Analogous

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



43.8194, 0.3120, 0.3224



43.8194, 0.3164, 0.3251



43.8194, 0.3198, 0.3288

Triad

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



43.8194, 0.3164, 0.3251



43.8194, 0.3176, 0.3366



43.8194, 0.3042, 0.3253

Complementary

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



43.8194, 0.3164, 0.3251



45.8055, 0.3092, 0.3329

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.



43.8194, 0.3057, 0.3292



43.8194, 0.3164, 0.3251



43.8194, 0.3134, 0.3357

Square

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



43.8194, 0.3164, 0.3251



43.8194, 0.3205, 0.3355



43.8194, 0.3090, 0.3330



43.8194, 0.3050, 0.3225

Rectangle

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



43.8194, 0.3164, 0.3251



43.8194, 0.3211, 0.3314



43.8194, 0.3090, 0.3330



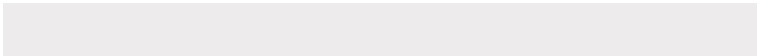
43.8194, 0.3045, 0.3265

Sweetspot

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



43.8213, 0.3164, 0.3251



83.3644, 0.3137, 0.3280



43.6214, 0.3105, 0.3198



18.4291, 0.3136, 0.3280



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.



43.8213, 0.3164, 0.3251



77.7728, 0.3177, 0.3238



43.8836, 0.3188, 0.3296



9.6827, 0.3182, 0.3232



7.4228, 0.5233, 0.2656



0.2741, 0.4583, 0.2298

Inverse Universe

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



43.8213, 0.3164, 0.3251



77.7728, 0.3177, 0.3238



45.7379, 0.3069, 0.3284



9.6827, 0.3182, 0.3232



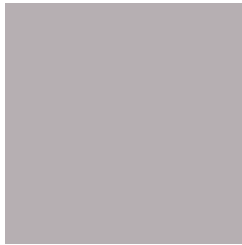
7.4228, 0.5233, 0.2656



0.2741, 0.4583, 0.2298

Previews

White Background



This preview shows how the Yxy color 43.8194, 0.3164, 0.3251 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 43.8194, 0.3164, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

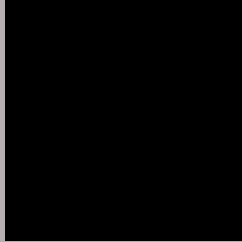
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

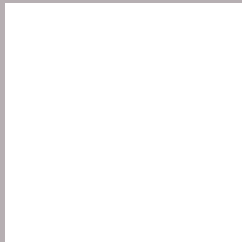
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8194, 0.3164, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 43.8194, 0.3164, 0.3251.

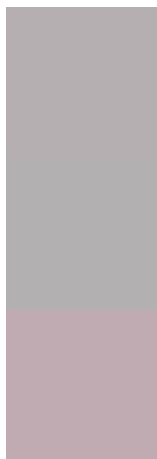


This preview shows how white text looks on a background with the Yxy color 43.8194, 0.3164, 0.3251.

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

43.8194, 0.3164, 0.3251

Protanopia

43.8487, 0.3137, 0.3263

Deuteranopia

43.7179, 0.3259, 0.3188



Tritanopia

43.9272, 0.3100, 0.3121

Trichromacy



Original Color

43.8194, 0.3164, 0.3251

Protanomaly

43.9683, 0.3146, 0.3264

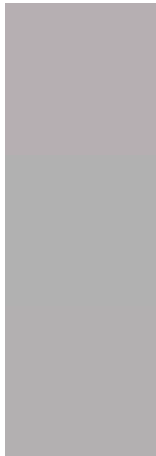
Deuteranomaly

43.5785, 0.3221, 0.3200

Tritanomaly

43.8001, 0.3124, 0.3159

Monochromacy



Original Color

43.8194, 0.3164, 0.3251

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8087, 0.3145, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8194, 0.3164, 0.3251 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(182, 175, 178)` looks like.

```
.text, #text, p{  
    color:rgb(182, 175, 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(182, 175, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 175, 178) }
```

Border

The CSS property to change the border of an element to Yxy 43.8194, 0.3164, 0.3251 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(182, 175, 178) }
```

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

```
.border{ border-color:rgb(182, 175, 178) }
```

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

Here you see how a box with a 4 pixel rgb(182, 175, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 175, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 175, 178);  
box-shadow:4px 4px 4px 4px rgb(182, 175,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8194, 0.3164, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 175, 178) }
```

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

```
.background{ background-color: rgb(182,  
175, 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](#).

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