

Converting Colors

$Y_{xy}(43.9102, 0.3158, 0.3240)$

Have a look what the booklet for
Yxy(43.9102, 0.3158, 0.3240)
contains.

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Color

Yxy(43.8597, 0.3156, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	B6AFB3
RGB	182, 175, 179
RGB Percent	71%, 69%, 70%
CMY	0.2862, 0.3137, 0.2979
CMYK	0.00, 0.04, 0.02, 0.29
HSL	326°, 5%, 70%
HSV	326°, 4%, 71%
XYZ	42.7622, 43.8597, 48.8730
YIQ	177.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

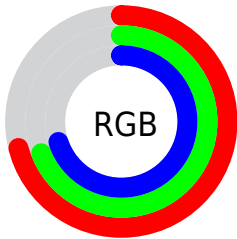
Format	Color
RYB	182, 175, 179
Decimal	11972531
CIELab	72.13, 3.24, -1.18
CIElCh	72, 3.444, 340.038
Yxy	43.8597, 0.3156, 0.3237
Android (android.graphics.Color)	4290162611 (0xFFB6AFB3)
YUV	177.5490, 0.7153, 3.9035
Hunter-Lab	66.2267, -0.6402, 2.6047

Details

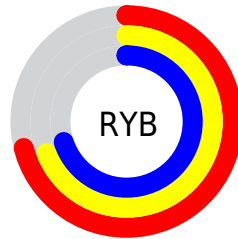
The Yxy color **43.8597, 0.3156, 0.3237** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.7888, 0.3099, 0.3344**, and the grayscale version is **44.2677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3271, 0.3149, 0.3249**, and **20.3394, 0.3166, 0.3236** is the 20% darker color. If you saturate the color by 10%, you get **36.9427, 0.3241, 0.3094**, and if you desaturate by 10%, it is **51.7531, 0.3085, 0.3372**.

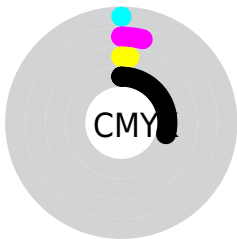
Distribution



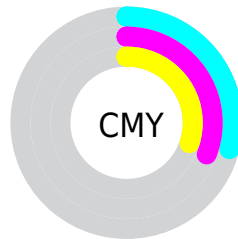
- Red (71%)
- Green (69%)
- Blue (70%)



- 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 43.8597, 0.3156, 0.3237 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 43.8597, 0.3156, 0.3237 by changing the saturation by 10% instead.

■ 43.8597, 0.3156,
0.3237

■ 43.8597, 0.3156,
0.3237

362.1354, 0.3142,
0.3264

■ 30.5602, 0.3160,
0.3230

■ 81.0066, 0.3151,
0.3247

■ 20.2642, 0.3164,
0.3222

105.6228, 0.3149,
0.3250

■ 12.5872, 0.3171,
0.3210

134.7800, 0.3147,
0.3254

■ 7.1449, 0.3180,
0.3193

168.8627, 0.3146,
0.3256

■ 3.5529, 0.3193,
0.3169

208.2551, 0.3144,
0.3258

■ 1.4268, 0.3216,
0.3126

253.3418, 0.3143,

■ 0.2363, 0.3453,

0.3260

0.2687

304.5071, 0.3142,
0.3262

0.0000, 0.0000,
0.0000

43.8597, 0.3156,
0.3237

43.8597, 0.3156,
0.3237

36.9427, 0.3241,
0.3094

51.7531, 0.3085,
0.3372

30.9582, 0.3342,
0.2945

60.6533, 0.3026,
0.3497

25.8673, 0.3461,
0.2795

70.5964, 0.2977,
0.3613

21.6263, 0.3600,
0.2647

81.6151, 0.2937,
0.3720

18.1876, 0.3759,
0.2512

86.5169, 0.2898,
0.3705

■ 15.4990, 0.3937,
0.2399

■ 86.9317, 0.2858,
0.3616

■ 13.5021, 0.4128,
0.2320

■ 87.3657, 0.2819,
0.3528

■ 12.1295, 0.4327,
0.2286

■ 87.8191, 0.2780,
0.3441

■ 11.3004, 0.4524,
0.2304

■ 88.2923, 0.2741,
0.3356

Harmonies

Analogous

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



43.8597, 0.3106, 0.3212



43.8597, 0.3156, 0.3237



43.8597, 0.3198, 0.3276

Triad

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



43.8597, 0.3156, 0.3237



43.8597, 0.3192, 0.3374



43.8597, 0.3034, 0.3259

Complementary

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



43.8597, 0.3156, 0.3237



45.7888, 0.3099, 0.3344

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.



43.8597, 0.3057, 0.3304



43.8597, 0.3156, 0.3237



43.8597, 0.3148, 0.3370

Square

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



43.8597, 0.3156, 0.3237



43.8597, 0.3219, 0.3356



43.8597, 0.3098, 0.3344



43.8597, 0.3036, 0.3224

Rectangle

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



43.8597, 0.3156, 0.3237



43.8597, 0.3216, 0.3306



43.8597, 0.3098, 0.3344



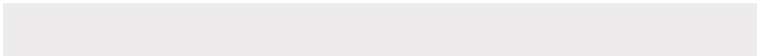
43.8597, 0.3039, 0.3274

Sweetspot

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



43.8616, 0.3156, 0.3237



83.3845, 0.3135, 0.3276



43.4928, 0.3096, 0.3197



18.4333, 0.3134, 0.3277



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.



43.8616, 0.3156, 0.3237



77.8710, 0.3166, 0.3220



43.7240, 0.3185, 0.3282



9.6963, 0.3170, 0.3213



7.7497, 0.4624, 0.2321



0.2853, 0.4166, 0.2069

Inverse Universe

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



43.8616, 0.3156, 0.3237



77.8710, 0.3166, 0.3220



45.9289, 0.3073, 0.3298



9.6963, 0.3170, 0.3213



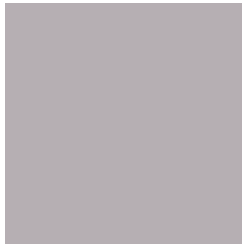
7.7497, 0.4624, 0.2321



0.2853, 0.4166, 0.2069

Previews

White Background



This preview shows how the Yxy color 43.8597, 0.3156, 0.3237 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 43.8597, 0.3156, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

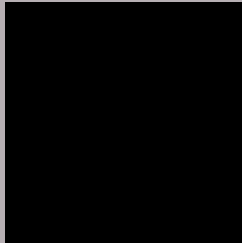
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

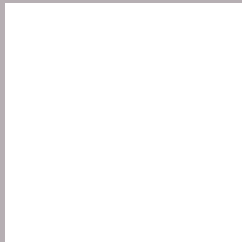
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8597, 0.3156, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 43.8597, 0.3156, 0.3237.



This preview shows how white text looks on a background with the Yxy color 43.8597, 0.3156, 0.3237.

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

43.8597, 0.3156, 0.3237

Protanopia

43.9297, 0.3121, 0.3237

Deuteranopia

43.6276, 0.3241, 0.3175



Tritanopia

43.9272, 0.3100, 0.3121

Trichromacy



Original Color

43.8597, 0.3156, 0.3237

Protanomaly

44.0493, 0.3130, 0.3237

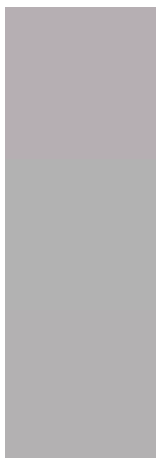
Deuteranomaly

43.4917, 0.3204, 0.3186

Tritanomaly

43.8001, 0.3124, 0.3159

Monochromacy



Original Color

43.8597, 0.3156, 0.3237

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2423, 0.3137, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8597, 0.3156, 0.3237 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(182, 175, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 175, 179) }
```

Border

The CSS property to change the border of an element to Yxy 43.8597, 0.3156, 0.3237 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, 179) }
```

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

```
.border{ border-color:rgb(182, 175, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 175, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 175, 179);  
box-shadow:4px 4px 4px 4px rgb(182, 175,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8597, 0.3156, 0.3237 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, 179) }
```

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

```
.background{ background-color: rgb(182,  
175, 179) }
```

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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