

Converting Colors

$Y_{xy}(42.3725, 0.3165, 0.3185)$

Have a look what the booklet for
Yxy(42.3725, 0.3165, 0.3185)
contains.

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Color

Yxy(42.4478, 0.3168, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	B7ABB3
RGB	183, 171, 179
RGB Percent	72%, 67%, 70%
CMY	0.2825, 0.3293, 0.2981
CMYK	0.00, 0.07, 0.02, 0.28
HSL	320°, 8%, 69%
HSV	320°, 7%, 72%
XYZ	42.2212, 42.4478, 48.6051
YIQ	175.5000, 4.5840, 5.0320

Conversions

Conversions Part 2

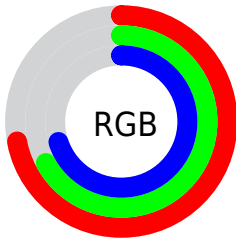
Format	Color
R_{YB}	183, 171, 179
Decimal	12037043
CIE Lab	71.18, 5.74, -2.54
CIE LCh	71, 6.275, 336.082
Yxy	42.4478, 0.3168, 0.3185
Android (android.graphics.Color)	4290227123 (0xFFB7ABB3)
YUV	175.5000, 1.7255, 6.5775
Hunter-Lab	65.1520, 1.6596, 1.3745

Details

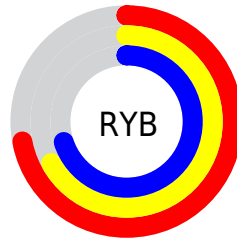
The Yxy color **42.4478, 0.3168, 0.3185** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.6105, 0.3088, 0.3397**, and the grayscale version is **43.1302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7416, 0.3159, 0.3198**, and **19.4458, 0.3183, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **35.7666, 0.3240, 0.3018**, and if you desaturate by 10%, it is **50.1005, 0.3107, 0.3344**.

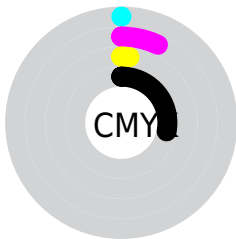
Distribution



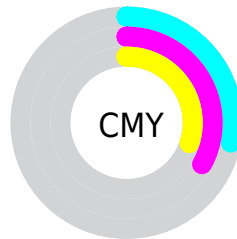
- Red (72%)
- Green (67%)
- Blue (70%)



- Red (72%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (28%)





- Cyan (28%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4478, 0.3168, 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 42.4478, 0.3168, 0.3185 by changing the saturation by 10% instead.


 42.4478, 0.3168,
0.3185

 42.4478, 0.3168,
0.3185

356.3359, 0.3148,
0.3238

 29.4521, 0.3173,
0.3172


 78.8769, 0.3161,
0.3204

 19.4231, 0.3180,
0.3154


103.0791, 0.3158,
0.3212

 11.9764, 0.3189,
0.3131


131.7856, 0.3155,
0.3218

 6.7276, 0.3201,
0.3098

165.3807, 0.3153,
0.3223

 3.2923, 0.3220,
0.3049

204.2489, 0.3152,
0.3227

 1.2862, 0.3252,
0.2965

248.7746, 0.3150,

 0.1305, 0.3696,

0.3231

0.1826

299.3421, 0.3149,
0.3235

■ 0.0000, 0.0000,
0.0000

■ 42.4478, 0.3168,
0.3185

■ 42.4478, 0.3168,
0.3185

■ 35.7666, 0.3240,
0.3018

■ 50.1005, 0.3107,
0.3344

■ 30.0122, 0.3324,
0.2846

■ 58.7561, 0.3056,
0.3493

■ 25.1445, 0.3422,
0.2674

■ 68.4515, 0.3014,
0.3632

■ 21.1184, 0.3534,
0.2508

■ 79.2200, 0.2978,
0.3759

■ 17.8848, 0.3659,
0.2359

■ 86.2130, 0.2947,
0.3801

■ 15.3893, 0.3794,
0.2236

■ 86.5224, 0.2915,
0.3729

■ 13.5710, 0.3937,
0.2151

■ 86.8435, 0.2883,
0.3659

■ 12.3587, 0.4082,
0.2111

■ 87.1765, 0.2852,
0.3589

■ 11.6570, 0.4225,
0.2120

■ 87.5214, 0.2820,
0.3520

Harmonies

Analogous

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



42.4478, 0.3076, 0.3143



42.4478, 0.3168, 0.3185



42.4478, 0.3250, 0.3254

Triad

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



42.4478, 0.3168, 0.3185



42.4478, 0.3255, 0.3443



42.4478, 0.2959, 0.3243

Complementary

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



42.4478, 0.3168, 0.3185



45.6105, 0.3088, 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.



42.4478, 0.3006, 0.3325



42.4478, 0.3168, 0.3185



42.4478, 0.3176, 0.3442

Square

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



42.4478, 0.3168, 0.3185



42.4478, 0.3300, 0.3403



42.4478, 0.3085, 0.3399



42.4478, 0.2957, 0.3175

Rectangle

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



42.4478, 0.3168, 0.3185



42.4478, 0.3287, 0.3307



42.4478, 0.3085, 0.3399



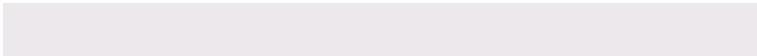
42.4478, 0.2970, 0.3270

Sweetspot

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



42.4496, 0.3168, 0.3185



82.0040, 0.3139, 0.3258



41.6638, 0.3064, 0.3130



18.1439, 0.3139, 0.3259



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.



42.4496, 0.3168, 0.3185



74.0247, 0.3179, 0.3159



42.2132, 0.3219, 0.3264



9.1104, 0.3187, 0.3139



8.0150, 0.4259, 0.2120



0.2935, 0.3925, 0.1936

Inverse Universe

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



42.4496, 0.3168, 0.3185



74.0247, 0.3179, 0.3159



45.8504, 0.3043, 0.3316



9.1104, 0.3187, 0.3139



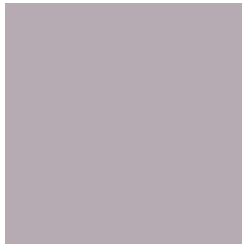
8.0150, 0.4259, 0.2120



0.2935, 0.3925, 0.1936

Previews

White Background



This preview shows how the Yxy color 42.4478, 0.3168, 0.3185 looks on a white background.

Color Contrast Check

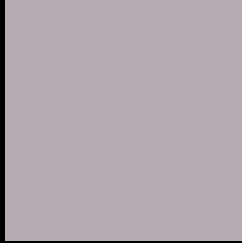
Large Text (above 18pt) WCAG AA × Fail

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 42.4478, 0.3168, 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 42.4478, 0.3168, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 42.4478, 0.3168, 0.3185.



This preview shows how white text looks on a background with the Yxy color 42.4478, 0.3168, 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

42.4478, 0.3168, 0.3185

Protanopia

42.4125, 0.3096, 0.3196

Deuteranopia

42.4494, 0.3224, 0.3160



Tritanopia

42.4005, 0.3136, 0.3107

Trichromacy



Original Color

42.4478, 0.3168, 0.3185

Protanomaly

42.3840, 0.3123, 0.3184

Deuteranomaly

42.5689, 0.3205, 0.3173

Tritanomaly

42.3172, 0.3153, 0.3133

Monochromacy



Original Color

42.4478, 0.3168, 0.3185

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8717, 0.3146, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4478, 0.3168, 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, 171, 179)` looks like.

```
.text, #text, p{  
    color:rgb(183, 171, 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(183, 171, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 171, 179) }
```

Border

The CSS property to change the border of an element to Yxy 42.4478, 0.3168, 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, 171, 179) }
```

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

```
.border{ border-color:rgb(183, 171, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 171, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 171, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 171, 179);  
box-shadow:4px 4px 4px 4px rgb(183, 171,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4478, 0.3168, 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, 171, 179) }
```

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

```
.background{ background-color: rgb(183,  
171, 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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