

Converting Colors

$Yxy(48.4343, 0.3077, 0.3102)$

Have a look what the booklet for
Yxy(48.4343, 0.3077, 0.3102)
contains.

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Color

Yxy(48.4343, 0.3077, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	BEB6C5
RGB	190, 182, 197
RGB Percent	75%, 71%, 77%
CMY	0.2549, 0.2863, 0.2273
CMYK	0.04, 0.08, 0.00, 0.23
HSL	272°, 11%, 74%
HSV	272°, 8%, 77%
XYZ	48.0440, 48.4343, 59.6607
YIQ	186.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

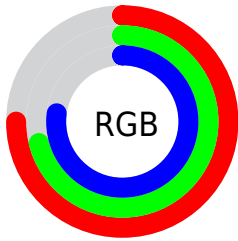
Format	Color
R _Y B	190, 182, 197
Decimal	12498629
CIE Lab	75.10, 5.63, -6.59
CIE LCh	75, 8.670, 310.493
Yxy	48.4343, 0.3077, 0.3102
Android (android.graphics.Color)	4290688709 (0xFFBEB6C5)
YUV	186.1020, 5.3727, 3.4185
Hunter-Lab	69.5948, 1.4346, -2.1105

Details

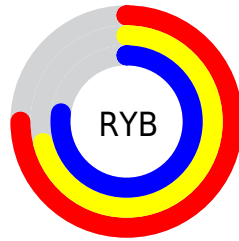
The Yxy color **48.4343, 0.3077, 0.3102** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1499, 0.3174, 0.3479**, and the grayscale version is **49.1342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8977, 0.3082, 0.3133**, and **23.0020, 0.3070, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **39.7754, 0.3001, 0.2838**, and if you desaturate by 10%, it is **58.3080, 0.3141, 0.3346**.

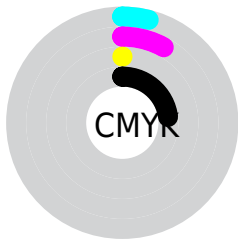
Distribution



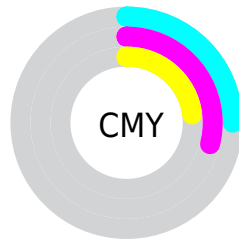
- Red (75%)
- Green (71%)
- Blue (77%)



- Red (75%)
- Yellow (71%)
- Blue (77%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)





- Cyan (25%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4343, 0.3077, 0.3102 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 48.4343, 0.3077, 0.3102 by changing the saturation by 10% instead.


 48.4343, 0.3077,
0.3102

 48.4343, 0.3077,
0.3102


380.5110, 0.3102,
0.3194

 34.1709, 0.3071,
0.3079


 87.8507, 0.3086,
0.3135

 23.0250, 0.3062,
0.3051

113.7725, 0.3090,
0.3148

 14.6119, 0.3051,
0.3013


144.3493, 0.3093,
0.3158

 8.5475, 0.3036,
0.2961

179.9654, 0.3095,
0.3168

 4.4472, 0.3012,
0.2885

221.0052, 0.3097,
0.3176

 1.9267, 0.2973,
0.2765

267.8531, 0.3099,

 0.5644, 0.2907,

0.3183

0.2435

320.8936, 0.3101,
0.3189

0.0000, 0.0000,
0.0000

48.4343, 0.3077,
0.3102

48.4343, 0.3077,
0.3102

39.7754, 0.3001,
0.2838

58.3080, 0.3141,
0.3346

32.2765, 0.2913,
0.2558

69.4360, 0.3196,
0.3568

25.8879, 0.2814,
0.2268

81.8638, 0.3241,
0.3769

20.5537, 0.2703,
0.1976

91.8655, 0.3285,
0.3895

16.2129, 0.2584,
0.1696

93.4045, 0.3346,
0.3884

■ 12.7981, 0.2460,
0.1441

■ 95.0251, 0.3407,
0.3872

■ 10.2334, 0.2335,
0.1225

■ 96.7284, 0.3469,
0.3860

■ 8.4298, 0.2217,
0.1059

■ 96.8129, 0.3472,
0.3860

■ 7.2600, 0.2108,
0.0945

Harmonies

Analogous

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



48.4343, 0.2971, 0.3088



48.4343, 0.3077, 0.3102



48.4343, 0.3198, 0.3163

Triad

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



48.4343, 0.3077, 0.3102



48.4343, 0.3351, 0.3449



48.4343, 0.2955, 0.3320

Complementary

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



48.4343, 0.3077, 0.3102



54.1499, 0.3174, 0.3479

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.



48.4343, 0.3054, 0.3422



48.4343, 0.3077, 0.3102



48.4343, 0.3283, 0.3496

Square

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



48.4343, 0.3077, 0.3102



48.4343, 0.3358, 0.3361



48.4343, 0.3174, 0.3487



48.4343, 0.2901, 0.3212

Rectangle

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



48.4343, 0.3077, 0.3102



48.4343, 0.3271, 0.3224



48.4343, 0.3174, 0.3487



48.4343, 0.2984, 0.3357

Sweetspot

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



48.4364, 0.3077, 0.3102



96.3392, 0.3114, 0.3241



50.4887, 0.3011, 0.3191



20.6589, 0.3115, 0.3244



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.4364, 0.3077, 0.3102



84.2407, 0.3066, 0.3063



49.3530, 0.3138, 0.3109



10.5605, 0.3065, 0.3057



4.6689, 0.2096, 0.0928



0.2639, 0.2318, 0.1051

Inverse Universe

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



49.0074, 0.3199, 0.3203



85.4599, 0.3215, 0.3185



53.2819, 0.3116, 0.3478



10.7182, 0.3218, 0.3182



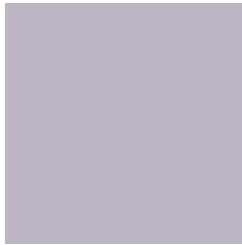
8.3348, 0.5074, 0.2569



0.4093, 0.4585, 0.2300

Previews

White Background



This preview shows how the Yxy color 48.4343, 0.3077, 0.3102 looks on a white background.

Color Contrast Check

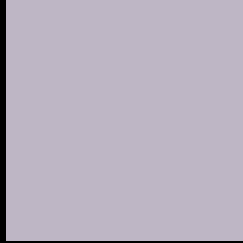
Large Text (above 18pt) WCAG AA × Fail

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 48.4343, 0.3077, 0.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

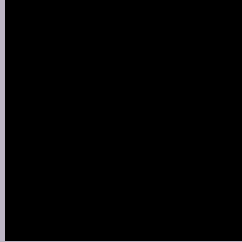
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

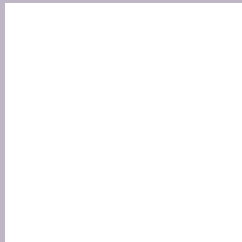
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4343, 0.3077, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 48.4343, 0.3077, 0.3102.

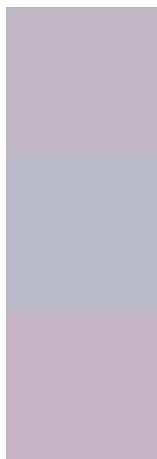


This preview shows how white text looks on a background with the Yxy color 48.4343, 0.3077, 0.3102.

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

48.4343, 0.3077, 0.3102

Protanopia

48.5485, 0.3020, 0.3113

Deuteranopia

48.5901, 0.3129, 0.3069



Tritanopia

48.3886, 0.3085, 0.3115

Trichromacy



Original Color

48.4343, 0.3077, 0.3102

Protanomaly

48.3833, 0.3036, 0.3101

Deuteranomaly

48.5943, 0.3103, 0.3080

Tritanomaly

48.3886, 0.3085, 0.3115

Monochromacy



Original Color

48.4343, 0.3077, 0.3102

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.9804, 0.3105, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4343, 0.3077, 0.3102 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(190, 182, 197)` looks like.

```
.text, #text, p{  
    color:rgb(190, 182, 197)  
}
```

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(190, 182, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 182, 197) }
```

Border

The CSS property to change the border of an element to Yxy 48.4343, 0.3077, 0.3102 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(190, 182, 197) }
```

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

```
.border{ border-color:rgb(190, 182, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 182, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 182, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 182, 197);  
box-shadow:4px 4px 4px 4px rgb(190, 182,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4343, 0.3077, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 182, 197) }
```

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

```
.background{ background-color: rgb(190,  
182, 197) }
```

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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