

Converting Colors

Yxy(48.4449, 0.3043, 0.3149)

Have a look what the booklet for
Yxy(48.4449, 0.3043, 0.3149)
contains.

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Color

Yxy(48.4115, 0.3043, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	B8B8C3
RGB	184, 184, 195
RGB Percent	72%, 72%, 76%
CMY	0.2782, 0.2785, 0.2353
CMYK	0.06, 0.06, 0.00, 0.24
HSL	240°, 8%, 74%
HSV	240°, 6%, 76%
XYZ	46.7670, 48.4115, 58.5088
YIQ	185.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

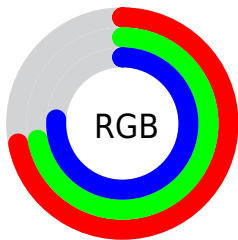
Format	Color
RYB	184, 184, 195
Decimal	12105923
CIELab	75.08, 2.13, -5.56
CIElCh	75, 5.952, 290.979
Yxy	48.4115, 0.3043, 0.3150
Android (android.graphics.Color)	4290296003 (0xFFB8B8C3)
YUV	185.2540, 4.8048, -1.0998
Hunter-Lab	69.5784, -1.7835, -1.1524

Details

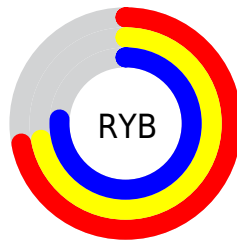
The Yxy color **48.4115, 0.3043, 0.3150** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0844, 0.3209, 0.3426**, and the grayscale version is **48.6436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8737, 0.3055, 0.3171**, and **22.9810, 0.3023, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **38.6300, 0.2878, 0.2876**, and if you desaturate by 10%, it is **59.6420, 0.3188, 0.3391**.

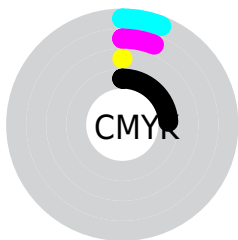
Distribution



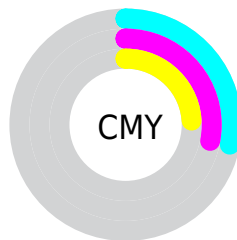
- Red (72%)
- Green (72%)
- Blue (76%)



- Red (72%)
- Yellow (72%)
- Blue (76%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (28%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4115, 0.3043, 0.3150 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 48.4115, 0.3043, 0.3150 by changing the saturation by 10% instead.

■ 48.4115, 0.3043,
0.3150

■ 48.4115, 0.3043,
0.3150

380.4209, 0.3085,
0.3219

■ 34.1529, 0.3033,
0.3133

■ 87.8168, 0.3058,
0.3175

■ 23.0111, 0.3019,
0.3111

113.7322, 0.3064,
0.3184

■ 14.6017, 0.3001,
0.3082

144.3020, 0.3069,
0.3192

■ 8.5403, 0.2977,
0.3043

179.9107, 0.3073,
0.3199

■ 4.4426, 0.2940,
0.2984

220.9425, 0.3077,
0.3205

■ 1.9241, 0.2880,
0.2890

267.7818, 0.3080,

■ 0.5628, 0.2728,

0.3211

0.2616

320.8132, 0.3082,
0.3215

0.0000, 0.0000,
0.0000

48.4115, 0.3043,
0.3150

48.4115, 0.3043,
0.3150

38.6300, 0.2878,
0.2876

59.6420, 0.3188,
0.3391

30.2326, 0.2693,
0.2568

72.3705, 0.3313,
0.3599

23.1588, 0.2490,
0.2233

86.6516, 0.3421,
0.3779

17.3410, 0.2278,
0.1880

96.7202, 0.3484,
0.3880

12.7058, 0.2066,
0.1530

■ 9.1723, 0.1870,
0.1206

■ 6.6491, 0.1706,
0.0936

■ 5.0306, 0.1588,
0.0742

■ 4.1861, 0.1521,
0.0633

Harmonies

Analogous

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



48.4115, 0.2987, 0.3165



48.4115, 0.3043, 0.3150



48.4115, 0.3122, 0.3171

Triad

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



48.4115, 0.3043, 0.3150



48.4115, 0.3289, 0.3363



48.4115, 0.3050, 0.3358

Complementary

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



48.4115, 0.3043, 0.3150



54.0844, 0.3209, 0.3426

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.



48.4115, 0.3131, 0.3413



48.4115, 0.3043, 0.3150



48.4115, 0.3269, 0.3415

Square

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



48.4115, 0.3043, 0.3150



48.4115, 0.3265, 0.3293



48.4115, 0.3211, 0.3434



48.4115, 0.2991, 0.3285

Rectangle

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



48.4115, 0.3043, 0.3150



48.4115, 0.3178, 0.3203



48.4115, 0.3211, 0.3434



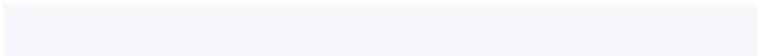
48.4115, 0.3076, 0.3379

Sweetspot

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



48.4136, 0.3043, 0.3150



93.6763, 0.3098, 0.3241



53.1596, 0.3040, 0.3290



20.5573, 0.3099, 0.3243



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.



48.4136, 0.3043, 0.3150



83.9885, 0.3020, 0.3112



49.0989, 0.3088, 0.3152



10.1640, 0.3014, 0.3102



2.5668, 0.1502, 0.0601



0.1119, 0.1510, 0.0606

Inverse Universe

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



49.8160, 0.3134, 0.3155



87.1198, 0.3136, 0.3119



53.3729, 0.3165, 0.3428



10.5657, 0.3136, 0.3110



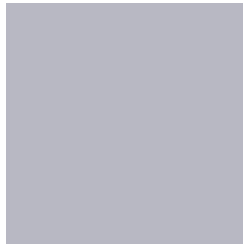
10.0692, 0.3223, 0.1549



0.4354, 0.3220, 0.1548

Previews

White Background



This preview shows how the Yxy color 48.4115, 0.3043, 0.3150 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 48.4115, 0.3043, 0.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

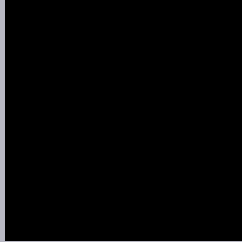
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

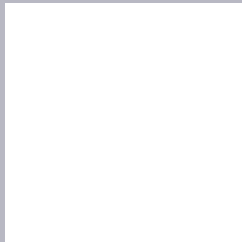
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4115, 0.3043, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 48.4115, 0.3043, 0.3150.

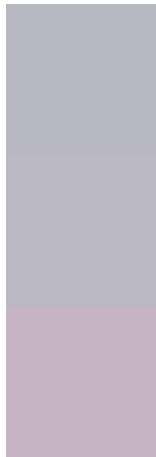


This preview shows how white text looks on a background with the Yxy color 48.4115, 0.3043, 0.3150.

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

48.4115, 0.3043, 0.3150

Protanopia

48.5354, 0.3051, 0.3151

Deuteranopia

48.2315, 0.3154, 0.3081



Tritanopia

48.6725, 0.3028, 0.3113

Trichromacy



Original Color

48.4115, 0.3043, 0.3150

Protanomaly

48.5354, 0.3051, 0.3151

Deuteranomaly

48.3707, 0.3111, 0.3104

Tritanomaly

48.6265, 0.3036, 0.3126

Monochromacy



Original Color

48.4115, 0.3043, 0.3150

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.6863, 0.3096, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4115, 0.3043, 0.3150 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(184, 184, 195)` looks like.

```
.text, #text, p{  
    color:rgb(184, 184, 195)  
}
```

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(184, 184, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 184, 195) }
```

Border

The CSS property to change the border of an element to Yxy 48.4115, 0.3043, 0.3150 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(184, 184, 195) }
```

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

```
.border{ border-color:rgb(184, 184, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 184, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 184, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 184, 195);  
box-shadow:4px 4px 4px 4px rgb(184, 184,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4115, 0.3043, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 184, 195) }
```

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

```
.background{ background-color: rgb(184,  
184, 195) }
```

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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