

Converting Colors

$Yxy(48.9199, 0.3079, 0.3158)$

Have a look what the booklet for
Yxy(48.9199, 0.3079, 0.3158)
contains.

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Color

Yxy(48.9125, 0.3075, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	BCB8C3
RGB	188, 184, 195
RGB Percent	74%, 72%, 76%
CMY	0.2630, 0.2783, 0.2353
CMYK	0.04, 0.06, 0.00, 0.24
HSL	261°, 8%, 74%
HSV	261°, 6%, 76%
XYZ	47.7176, 48.9125, 58.5491
YIQ	186.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

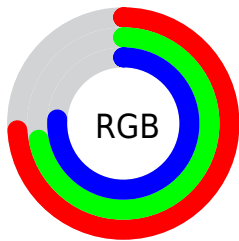
Format	Color
R _Y B	188, 184, 195
Decimal	12368067
CIE Lab	75.40, 3.44, -5.06
CIE LCh	75, 6.113, 304.218
Yxy	48.9125, 0.3075, 0.3152
Android (android.graphics.Color)	4290558147 (0xFFBCB8C3)
YUV	186.4500, 4.2152, 1.3594
Hunter-Lab	69.9375, -0.6019, -0.6792

Details

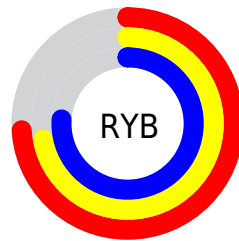
The Yxy color **48.9125, 0.3075, 0.3152** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5735, 0.3177, 0.3427**, and the grayscale version is **49.3412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5815, 0.3081, 0.3172**, and **23.3066, 0.3067, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **39.8398, 0.2971, 0.2887**, and if you desaturate by 10%, it is **59.2443, 0.3165, 0.3392**.

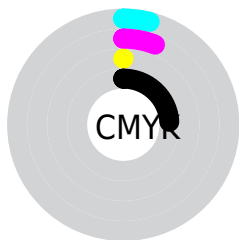
Distribution



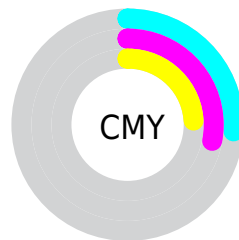
- Red (74%)
- Green (72%)
- Blue (76%)



- Red (74%)
- Yellow (72%)
- Blue (76%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (26%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.9125, 0.3075, 0.3152 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 48.9125, 0.3075, 0.3152 by changing the saturation by 10% instead.

■ 48.9125, 0.3075,
0.3152

■ 48.9125, 0.3075,
0.3152

382.3978, 0.3101,
0.3220

■ 34.5501, 0.3068,
0.3135

■ 88.5615, 0.3084,
0.3176

■ 23.3165, 0.3060,
0.3114

114.6168, 0.3088,
0.3186

■ 14.8274, 0.3049,
0.3086

145.3386, 0.3091,
0.3194

■ 8.6983, 0.3033,
0.3047

181.1112, 0.3094,
0.3200

■ 4.5449, 0.3010,
0.2991

222.3190, 0.3096,
0.3206

■ 1.9828, 0.2972,
0.2900

269.3465, 0.3098,

■ 0.5975, 0.2892,

0.3211

0.2651

322.5779, 0.3100,
0.3216

0.0000, 0.0000,
0.0000

48.9125, 0.3075,
0.3152

48.9125, 0.3075,
0.3152

39.8398, 0.2971,
0.2887

59.2443, 0.3165,
0.3392

31.9711, 0.2851,
0.2600

70.8751, 0.3241,
0.3607

25.2563, 0.2715,
0.2295

83.8508, 0.3305,
0.3798

19.6394, 0.2567,
0.1980

93.6516, 0.3371,
0.3902

15.0596, 0.2408,
0.1670

95.8987, 0.3455,
0.3886

■ 11.4499, 0.2247,
0.1381

■ 96.7197, 0.3484,
0.3880

■ 8.7354, 0.2089,
0.1129

■ 6.8294, 0.1946,
0.0932

■ 5.6253, 0.1823,
0.0798

Harmonies

Analogous

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



48.9125, 0.3005, 0.3151



48.9125, 0.3075, 0.3152



48.9125, 0.3160, 0.3189

Triad

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



48.9125, 0.3075, 0.3152



48.9125, 0.3289, 0.3392



48.9125, 0.3018, 0.3328

Complementary

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



48.9125, 0.3075, 0.3152



53.5735, 0.3177, 0.3427

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.



48.9125, 0.3093, 0.3395



48.9125, 0.3075, 0.3152



48.9125, 0.3250, 0.3431

Square

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



48.9125, 0.3075, 0.3152



48.9125, 0.3285, 0.3326



48.9125, 0.3178, 0.3433



48.9125, 0.2973, 0.3251

Rectangle

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



48.9125, 0.3075, 0.3152



48.9125, 0.3214, 0.3229



48.9125, 0.3178, 0.3433



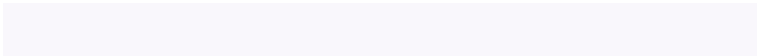
48.9125, 0.3041, 0.3352

Sweetspot

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



48.9146, 0.3075, 0.3152



94.0011, 0.3109, 0.3241



51.4610, 0.3041, 0.3241



20.6250, 0.3110, 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.



48.9146, 0.3075, 0.3152



85.0631, 0.3060, 0.3114



49.6137, 0.3120, 0.3154



10.3016, 0.3057, 0.3104



3.4415, 0.1789, 0.0759



0.1876, 0.2051, 0.0903

Inverse Universe

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



49.6568, 0.3164, 0.3203



86.7319, 0.3175, 0.3179



52.8852, 0.3134, 0.3429



10.5158, 0.3177, 0.3173



8.5258, 0.4352, 0.2171



0.3811, 0.4035, 0.1996

Previews

White Background



This preview shows how the Yxy color 48.9125, 0.3075, 0.3152 looks on a white background.

Color Contrast Check

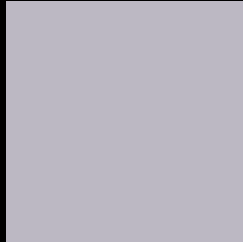
Large Text (above 18pt) WCAG AA × Fail

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 48.9125, 0.3075, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

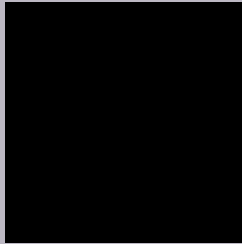
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

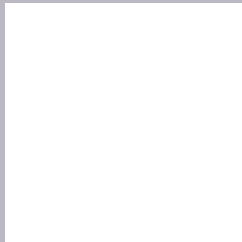
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.9125, 0.3075, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 48.9125, 0.3075, 0.3152.

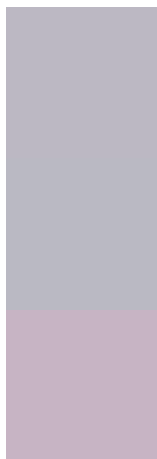


This preview shows how white text looks on a background with the Yxy color 48.9125, 0.3075, 0.3152.

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

48.9125, 0.3075, 0.3152

Protanopia

49.0772, 0.3059, 0.3164

Deuteranopia

48.7702, 0.3162, 0.3094



Tritanopia

49.0496, 0.3053, 0.3115

Trichromacy



Original Color

48.9125, 0.3075, 0.3152

Protanomaly

49.2028, 0.3067, 0.3164

Deuteranomaly

48.6354, 0.3127, 0.3105

Tritanomaly

49.0036, 0.3060, 0.3127

Monochromacy



Original Color

48.9125, 0.3075, 0.3152

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.9368, 0.3113, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9125, 0.3075, 0.3152 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(188, 184, 195)` looks like.

```
.text, #text, p{  
    color:rgb(188, 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(188, 184, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 184, 195) }
```

Border

The CSS property to change the border of an element to Yxy 48.9125, 0.3075, 0.3152 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(188, 184, 195) }
```

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

```
.border{ border-color:rgb(188, 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(188, 184, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 184, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 184, 195);  
box-shadow:4px 4px 4px 4px rgb(188, 184,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9125, 0.3075, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 184, 195) }
```

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

```
.background{ background-color: rgb(188,  
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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