

Converting Colors

$Y_{xy}(48.7918, 0.3148, 0.3202)$

Have a look what the booklet for
Yxy(48.7918, 0.3148, 0.3202)
contains.

Yxy(48.7911, 0.3148, 0.3202)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.7911, 0.3148, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	C0B7BE
RGB	192, 183, 190
RGB Percent	75%, 72%, 75%
CMY	0.2470, 0.2823, 0.2548
CMYK	0.00, 0.05, 0.01, 0.25
HSL	313°, 7%, 74%
HSV	313°, 5%, 75%
XYZ	47.9683, 48.7911, 55.6176
YIQ	186.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

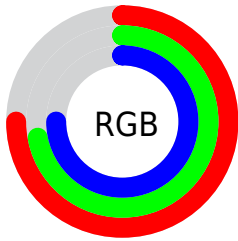
Format	Color
RYB	192, 183, 190
Decimal	12629950
CIELab	75.32, 4.46, -2.42
CIELCh	75, 5.075, 331.461
Yxy	48.7911, 0.3148, 0.3202
Android (android.graphics.Color)	4290820030 (0xFFC0B7BE)
YUV	186.4890, 1.7309, 4.8331
Hunter-Lab	69.8506, 0.3421, 1.6866

Details

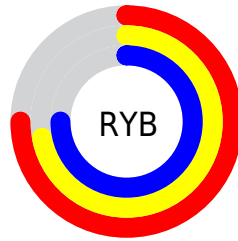
The Yxy color **48.7911, 0.3148, 0.3202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2700, 0.3107, 0.3380**, and the grayscale version is **49.3821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3433, 0.3144, 0.3221**, and **23.2604, 0.3156, 0.3171** is the 20% darker color. If you saturate the color by 10%, you get **41.2235, 0.3198, 0.3008**, and if you desaturate by 10%, it is **57.4488, 0.3105, 0.3387**.

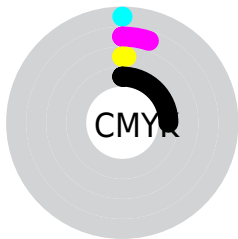
Distribution



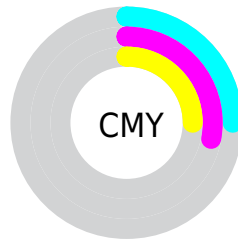
- Red (75%)
- Green (72%)
- Blue (75%)



- Red (75%)
- Yellow (72%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (25%)





- Cyan (25%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7911, 0.3148, 0.3202 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 48.7911, 0.3148, 0.3202 by changing the saturation by 10% instead.


 48.7911, 0.3148,
0.3202

 48.7911, 0.3148,
0.3202

381.9193, 0.3138,
0.3245

 34.4538, 0.3150,
0.3191


 88.3811, 0.3144,
0.3218

 23.2424, 0.3154,
0.3178


114.4026, 0.3143,
0.3224

 14.7726, 0.3158,
0.3160


145.0876, 0.3142,
0.3229

 8.6600, 0.3163,
0.3135

180.8206, 0.3141,
0.3233

 4.5201, 0.3172,
0.3098

221.9858, 0.3140,
0.3237

 1.9685, 0.3185,
0.3040

268.9678, 0.3139,

 0.5891, 0.3233,

0.3240

0.2848

322.1508, 0.3138,
0.3243

0.0000, 0.0000,
0.0000

48.7911, 0.3148,
0.3202

48.7911, 0.3148,
0.3202

41.2235, 0.3198,
0.3008

57.4488, 0.3105,
0.3387

34.6960, 0.3255,
0.2809

67.2312, 0.3069,
0.3561

29.1644, 0.3320,
0.2611

78.1793, 0.3039,
0.3722

24.5787, 0.3393,
0.2420

87.2274, 0.3013,
0.3823

20.8847, 0.3473,
0.2245

87.4366, 0.2990,
0.3775

■ 18.0224, 0.3557,
0.2098

■ 87.6513, 0.2968,
0.3726

■ 15.9248, 0.3644,
0.1987

■ 87.8716, 0.2945,
0.3678

■ 14.5141, 0.3731,
0.1920

■ 88.0976, 0.2923,
0.3630

■ 13.6963, 0.3815,
0.1899

■ 88.3292, 0.2901,
0.3583

Harmonies

Analogous

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



48.7911, 0.3078, 0.3174



48.7911, 0.3148, 0.3202



48.7911, 0.3213, 0.3253

Triad

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



48.7911, 0.3148, 0.3202



48.7911, 0.3234, 0.3405



48.7911, 0.3001, 0.3264

Complementary

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



48.7911, 0.3148, 0.3202



51.2700, 0.3107, 0.3380

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.



48.7911, 0.3042, 0.3327



48.7911, 0.3148, 0.3202



48.7911, 0.3176, 0.3410

Square

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



48.7911, 0.3148, 0.3202



48.7911, 0.3263, 0.3370



48.7911, 0.3105, 0.3381



48.7911, 0.2993, 0.3208

Rectangle

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



48.7911, 0.3148, 0.3202



48.7911, 0.3245, 0.3294



48.7911, 0.3105, 0.3381



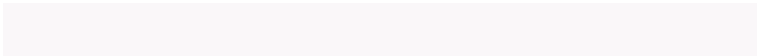
48.7911, 0.3011, 0.3285

Sweetspot

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



48.7932, 0.3148, 0.3202



93.9340, 0.3132, 0.3271



47.9818, 0.3074, 0.3175



20.1689, 0.3131, 0.3272



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



48.7932, 0.3148, 0.3202



86.3593, 0.3155, 0.3175



48.6006, 0.3183, 0.3258



10.7017, 0.3157, 0.3166



9.0298, 0.3850, 0.1894



0.3998, 0.3680, 0.1801

Inverse Universe

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



48.7932, 0.3148, 0.3202



86.3593, 0.3155, 0.3175



51.4619, 0.3074, 0.3322



10.7017, 0.3157, 0.3166



9.0298, 0.3850, 0.1894



0.3998, 0.3680, 0.1801

Previews

White Background



This preview shows how the Yxy color 48.7911, 0.3148, 0.3202 looks on a white background.

Color Contrast Check

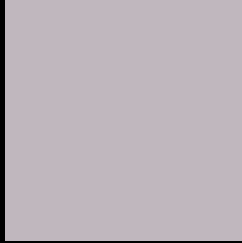
Large Text (above 18pt) WCAG AA × Fail

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 48.7911, 0.3148, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

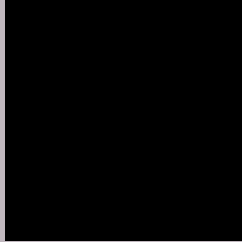
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7911, 0.3148, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 48.7911, 0.3148, 0.3202.



This preview shows how white text looks on a background with the Yxy color 48.7911, 0.3148, 0.3202.

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

48.7911, 0.3148, 0.3202

Protanopia

48.6074, 0.3098, 0.3201

Deuteranopia

48.8216, 0.3219, 0.3155



Tritanopia

48.7789, 0.3110, 0.3116

Trichromacy



Original Color

48.7911, 0.3148, 0.3202

Protanomaly

48.8614, 0.3115, 0.3202

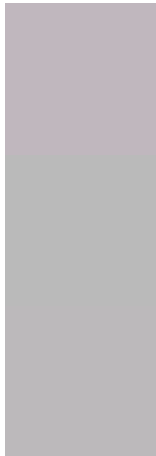
Deuteranomaly

48.8151, 0.3193, 0.3167

Tritanomaly

48.6884, 0.3126, 0.3141

Monochromacy



Original Color

48.7911, 0.3148, 0.3202

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.9771, 0.3137, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7911, 0.3148, 0.3202 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(192, 183, 190)` looks like.

```
.text, #text, p{  
    color:rgb(192, 183, 190)  
}
```

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(192, 183, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 183, 190) }
```

Border

The CSS property to change the border of an element to Yxy 48.7911, 0.3148, 0.3202 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(192, 183, 190) }
```

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

```
.border{ border-color:rgb(192, 183, 190) }
```

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

Here you see how a box with a 4 pixel rgb(192, 183, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 183, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 183, 190);  
box-shadow:4px 4px 4px 4px rgb(192, 183,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7911, 0.3148, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 183, 190) }
```

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

```
.background{ background-color: rgb(192,  
183, 190) }
```

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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