

Converting Colors

$Y_{xy}(42.4209, 0.3115, 0.3050)$

Have a look what the booklet for
Yxy(42.4209, 0.3115, 0.3050)
contains.

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Color

Yxy(42.3211, 0.3112, 0.3043)

Conversions

Conversions Part 1

Format	Color
Hex	B9A9BC
RGB	185, 169, 188
RGB Percent	73%, 66%, 74%
CMY	0.2744, 0.3373, 0.2627
CMYK	0.02, 0.10, 0.00, 0.26
HSL	291°, 12%, 70%
HSV	291°, 10%, 74%
XYZ	43.2807, 42.3211, 53.4751
YIQ	175.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

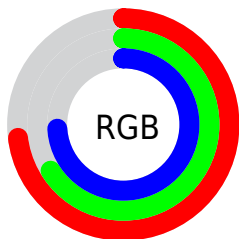
Format	Color
R _Y B	185, 169, 188
Decimal	12167612
CIE Lab	71.09, 9.27, -7.64
CIE LCh	71, 12.015, 320.532
Yxy	42.3211, 0.3112, 0.3043
Android (android.graphics.Color)	4290357692 (0xFFB9A9BC)
YUV	175.9500, 5.9407, 7.9369
Hunter-Lab	65.0547, 4.9100, -3.1982

Details

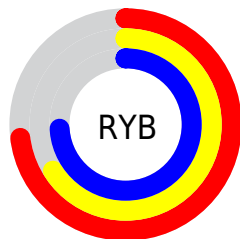
The Yxy color $42.3211, 0.3112, 0.3043$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.6066, 0.3140, 0.3546$, and the grayscale version is $43.3592, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.5437, 0.3116, 0.3088$, and $19.3774, 0.3105, 0.2971$ is the 20% darker color. If you saturate the color by 10%, you get $35.4607, 0.3093, 0.2789$, and if you desaturate by 10%, it is $50.1987, 0.3127, 0.3287$.

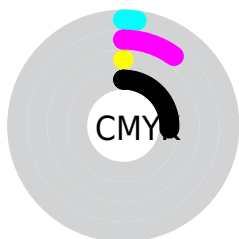
Distribution



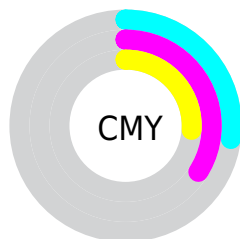
- Red (73%)
- Green (66%)
- Blue (74%)



- Red (73%)
- Yellow (66%)
- Blue (74%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (26%)





- Cyan (27%)
- Magenta (34%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3211, 0.3112, 0.3043 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 42.3211, 0.3112, 0.3043 by changing the saturation by 10% instead.


 42.3211, 0.3112,
0.3043


 42.3211, 0.3112,
0.3043


355.8123, 0.3121,
0.3166

 29.3528, 0.3110,
0.3012


 78.6854, 0.3115,
0.3088

 19.3479, 0.3106,
0.2973


 102.8501, 0.3117,
0.3105

 11.9219, 0.3101,
0.2920


131.5158, 0.3118,
0.3119

 6.6905, 0.3094,
0.2847

165.0669, 0.3118,
0.3131

 3.2693, 0.3081,
0.2737

203.8876, 0.3119,
0.3142

 1.2739, 0.3057,
0.2557

248.3625, 0.3120,

 0.1209, 0.3026,

0.3151

0.1072

298.8760, 0.3120,
0.3159

0.0000, 0.0000,
0.0000

42.3211, 0.3112,
0.3043

42.3211, 0.3112,
0.3043

35.4607, 0.3093,
0.2789

50.1987, 0.3127,
0.3287

29.5691, 0.3070,
0.2531

59.1283, 0.3139,
0.3517

24.6026, 0.3042,
0.2276

69.1496, 0.3147,
0.3731

20.5113, 0.3011,
0.2035

80.2989, 0.3153,
0.3927

17.2412, 0.2975,
0.1817

87.3995, 0.3164,
0.4031

■ 14.7319, 0.2937,
0.1632

■ 87.8085, 0.3182,
0.4026

■ 12.9147, 0.2897,
0.1488

■ 88.2254, 0.3200,
0.4022

■ 11.7086, 0.2856,
0.1388

■ 88.6502, 0.3219,
0.4018

■ 10.9571, 0.2815,
0.1325

■ 89.0830, 0.3238,
0.4014

Harmonies

Analogous

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



42.3211, 0.2947, 0.2998



42.3211, 0.3112, 0.3043



42.3211, 0.3285, 0.3149

Triad

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



42.3211, 0.3112, 0.3043



42.3211, 0.3428, 0.3551



42.3211, 0.2844, 0.3278

Complementary

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



42.3211, 0.3112, 0.3043



47.6066, 0.3140, 0.3546

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.



42.3211, 0.2967, 0.3437



42.3211, 0.3112, 0.3043



42.3211, 0.3304, 0.3596

Square

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



42.3211, 0.3112, 0.3043



42.3211, 0.3471, 0.3438



42.3211, 0.3135, 0.3555



42.3211, 0.2795, 0.3128

Rectangle

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



42.3211, 0.3112, 0.3043



42.3211, 0.3381, 0.3242



42.3211, 0.3135, 0.3555



42.3211, 0.2878, 0.3332

Sweetspot

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



42.3229, 0.3112, 0.3043



86.5835, 0.3123, 0.3217



41.6323, 0.2972, 0.3076



18.3662, 0.3122, 0.3197



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



42.3229, 0.3112, 0.3043



73.9571, 0.3108, 0.2991



42.4302, 0.3192, 0.3125



9.6185, 0.3113, 0.3062



7.4849, 0.2820, 0.1327



0.3139, 0.2919, 0.1382

Inverse Universe

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



42.0437, 0.3277, 0.3251



73.3624, 0.3312, 0.3243



47.5170, 0.3067, 0.3460



9.5601, 0.3264, 0.3254



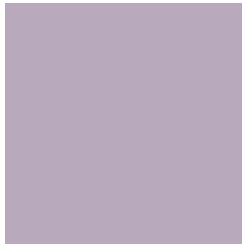
7.3485, 0.6157, 0.3166



0.2956, 0.5575, 0.2845

Previews

White Background



This preview shows how the Yxy color 42.3211, 0.3112, 0.3043 looks on a white background.

Color Contrast Check

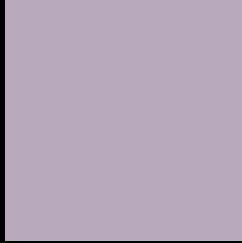
Large Text (above 18pt) WCAG AA × Fail

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 42.3211, 0.3112, 0.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

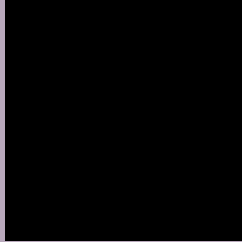
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3211, 0.3112, 0.3043

Background



This preview shows how black text looks on a background with the Yxy color 42.3211, 0.3112, 0.3043.



This preview shows how white text looks on a background with the Yxy color 42.3211, 0.3112, 0.3043.

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

42.3211, 0.3112, 0.3043

Protanopia

42.3755, 0.2982, 0.3063

Deuteranopia

42.3211, 0.3112, 0.3043



Tritanopia

42.3587, 0.3144, 0.3120

Trichromacy



Original Color

42.3211, 0.3112, 0.3043

Protanomaly

42.5263, 0.3032, 0.3065

Deuteranomaly

42.3211, 0.3112, 0.3043

Tritanomaly

42.4426, 0.3127, 0.3094

Monochromacy



Original Color

42.3211, 0.3112, 0.3043

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.7661, 0.3123, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3211, 0.3112, 0.3043 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(185, 169, 188)` looks like.

```
.text, #text, p{  
    color:rgb(185, 169, 188)  
}
```

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(185, 169, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 169, 188) }
```

Border

The CSS property to change the border of an element to Yxy 42.3211, 0.3112, 0.3043 is called "border". The border property can be set on classes, ids or directly on the HTML element.

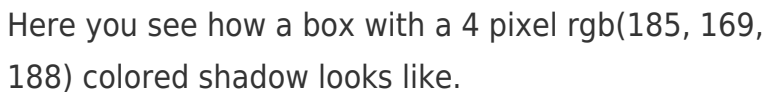
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 169, 188) }
```

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

```
.border{ border-color:rgb(185, 169, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 169, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 169, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 169, 188); box-shadow:4px 4px 4px 4px rgb(185, 169, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3211, 0.3112, 0.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 169, 188) }
```

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

```
.background{ background-color: rgb(185,  
169, 188) }
```

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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