

Converting Colors

$Y_{xy}(43.3200, 0.3162, 0.3109)$

Have a look what the booklet for
Yxy(43.3200, 0.3162, 0.3109)
contains.

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Color

Yxy(43.3200, 0.3162, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	BCABB9
RGB	188, 171, 185
RGB Percent	74%, 67%, 73%
CMY	0.2628, 0.3294, 0.2744
CMYK	0.00, 0.09, 0.02, 0.26
HSL	310°, 11%, 70%
HSV	310°, 9%, 74%
XYZ	44.0585, 43.3200, 51.9589
YIQ	177.6790, 5.6380, 7.9580

Conversions

Conversions Part 2

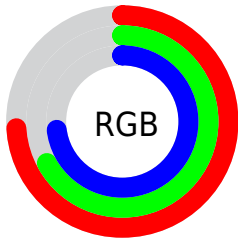
Format	Color
R _Y B	188, 171, 185
Decimal	12364729
CIE Lab	71.77, 8.63, -4.96
CIE LCh	72, 9.958, 330.130
Yxy	43.3200, 0.3162, 0.3109
Android (android.graphics.Color)	4290554809 (0xFFBCABB9)
YUV	177.6790, 3.6093, 9.0515
Hunter-Lab	65.8179, 4.3064, -0.7330

Details

The Yxy color **43.3200, 0.3162, 0.3109** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.6714, 0.3094, 0.3478**, and the grayscale version is **44.3216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9767, 0.3155, 0.3139**, and **20.0105, 0.3175, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **36.5816, 0.3206, 0.2902**, and if you desaturate by 10%, it is **51.0753, 0.3124, 0.3309**.

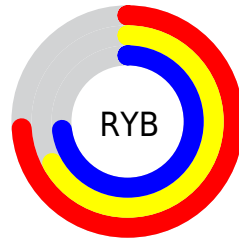
Distribution



Red (74%)

Green (67%)

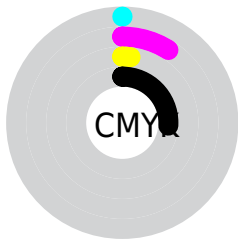
Blue (73%)



Red (74%)

Yellow (67%)

Blue (73%)

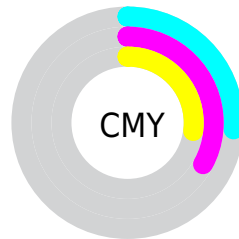


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (26%)



Cyan (26%)


Magenta (33%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3200, 0.3162, 0.3109 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 43.3200, 0.3162, 0.3109 by changing the saturation by 10% instead.


 43.3200, 0.3162,
0.3109

 43.3200, 0.3162,
0.3109


359.9261, 0.3145,
0.3199

 30.1363, 0.3166,
0.3086


 80.1935, 0.3156,
0.3142

 19.9420, 0.3171,
0.3057


104.6521, 0.3154,
0.3154

 12.3529, 0.3178,
0.3019


133.6378, 0.3152,
0.3165

 6.9845, 0.3188,
0.2965

167.5349, 0.3150,
0.3174

 3.4524, 0.3201,
0.2884

206.7279, 0.3148,
0.3181

 1.3722, 0.3223,
0.2751

251.6012, 0.3147,

 0.1961, 0.3443,

0.3188

0.1700

302.5391, 0.3146,
0.3194

0.0000, 0.0000,
0.0000

43.3200, 0.3162,
0.3109

43.3200, 0.3162,
0.3109

36.5816, 0.3206,
0.2902

51.0753, 0.3124,
0.3309

30.8120, 0.3256,
0.2692

59.8817, 0.3091,
0.3498

25.9676, 0.3312,
0.2487

69.7789, 0.3063,
0.3676

21.9995, 0.3372,
0.2294

80.8028, 0.3039,
0.3839

18.8539, 0.3437,
0.2123

86.4419, 0.3020,
0.3891

■ 16.4713, 0.3504,
0.1984

■ 86.5973, 0.3002,
0.3853

■ 14.7843, 0.3571,
0.1884

■ 86.7560, 0.2985,
0.3816

■ 13.7134, 0.3635,
0.1829

■ 86.9180, 0.2967,
0.3778

■ 13.1188, 0.3697,
0.1815

■ 87.0833, 0.2950,
0.3740

Harmonies

Analogous

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



43.3200, 0.3020, 0.3054



43.3200, 0.3162, 0.3109



43.3200, 0.3298, 0.3209

Triad

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



43.3200, 0.3162, 0.3109



43.3200, 0.3348, 0.3524



43.3200, 0.2873, 0.3239

Complementary

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



43.3200, 0.3162, 0.3109



47.6714, 0.3094, 0.3478

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.



43.3200, 0.2957, 0.3371



43.3200, 0.3162, 0.3109



43.3200, 0.3231, 0.3538

Square

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



43.3200, 0.3162, 0.3109



43.3200, 0.3407, 0.3447



43.3200, 0.3088, 0.3482



43.3200, 0.2855, 0.3125

Rectangle

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



43.3200, 0.3162, 0.3109



43.3200, 0.3365, 0.3290



43.3200, 0.3088, 0.3482



43.3200, 0.2895, 0.3283

Sweetspot

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



43.3219, 0.3162, 0.3109



86.7122, 0.3138, 0.3230



41.7383, 0.3013, 0.3063



18.4012, 0.3141, 0.3214



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.



43.3219, 0.3162, 0.3109



75.7520, 0.3171, 0.3065



42.9785, 0.3233, 0.3217



9.6671, 0.3163, 0.3102



8.9094, 0.3696, 0.1810



0.3566, 0.3561, 0.1735

Inverse Universe

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



43.3219, 0.3162, 0.3109



75.7520, 0.3171, 0.3065



48.0081, 0.3031, 0.3365



9.6671, 0.3163, 0.3102



8.9094, 0.3696, 0.1810



0.3566, 0.3561, 0.1735

Previews

White Background



This preview shows how the Yxy color 43.3200, 0.3162, 0.3109 looks on a white background.

Color Contrast Check

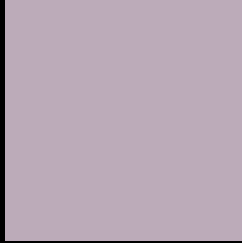
Large Text (above 18pt) WCAG AA × Fail

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 43.3200, 0.3162, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

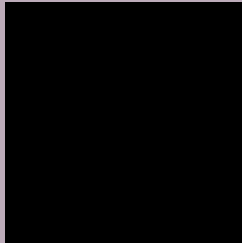
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3200, 0.3162, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 43.3200, 0.3162, 0.3109.



This preview shows how white text looks on a background with the Yxy color 43.3200, 0.3162, 0.3109.

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

43.3200, 0.3162, 0.3109

Protanopia

43.4779, 0.3039, 0.3131

Deuteranopia

43.4474, 0.3171, 0.3110



Tritanopia

43.3200, 0.3162, 0.3109

Trichromacy



Original Color

43.3200, 0.3162, 0.3109

Protanomaly

43.5206, 0.3082, 0.3132

Deuteranomaly

43.4474, 0.3171, 0.3110

Tritanomaly

43.3200, 0.3162, 0.3109

Monochromacy



Original Color

43.3200, 0.3162, 0.3109

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.9412, 0.3140, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3200, 0.3162, 0.3109 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, 171, 185)` looks like.

```
.text, #text, p{  
    color:rgb(188, 171, 185)  
}
```

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, 171, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 171, 185) }
```

Border

The CSS property to change the border of an element to Yxy 43.3200, 0.3162, 0.3109 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, 171, 185) }
```

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

```
.border{ border-color:rgb(188, 171, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 171, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 171, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 171, 185);  
box-shadow:4px 4px 4px 4px rgb(188, 171,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3200, 0.3162, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 171, 185) }
```

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

```
.background{ background-color: rgb(188,  
171, 185) }
```

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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