

Converting Colors

$Y_{xy}(43.0409, 0.3073, 0.2939)$

Have a look what the booklet for
Yxy(43.0409, 0.3073, 0.2939)
contains.

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Color

Yxy(43.0528, 0.3072, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	BCA9C4
RGB	188, 169, 196
RGB Percent	74%, 66%, 77%
CMY	0.2630, 0.3372, 0.2314
CMYK	0.04, 0.14, 0.00, 0.23
HSL	282°, 19%, 72%
HSV	282°, 14%, 77%
XYZ	44.8789, 43.0528, 58.1585
YIQ	177.7590, 2.6570, 12.4250

Conversions

Conversions Part 2

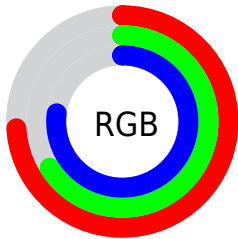
Format	Color
R_{YB}	188, 169, 196
Decimal	12364228
CIE _{Lab}	71.59, 11.80, -11.25
CIE _{LCh}	72, 16.308, 316.358
Yxy	43.0528, 0.3072, 0.2947
Android (android.graphics.Color)	4290554308 (0xFFBCA9C4)
YUV	177.7590, 8.9928, 8.9814
Hunter-Lab	65.6146, 7.2644, -6.6224

Details

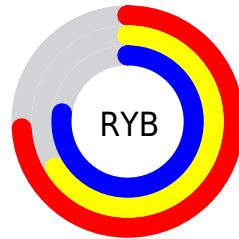
The Yxy color **43.0528, 0.3072, 0.2947** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.6924, 0.3175, 0.3643**, and the grayscale version is **44.3350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6363, 0.3079, 0.3001**, and **19.8265, 0.3062, 0.2858** is the 20% darker color. If you saturate the color by 10%, you get **35.5726, 0.3023, 0.2682**, and if you desaturate by 10%, it is **51.6598, 0.3113, 0.3199**.

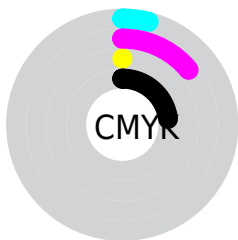
Distribution



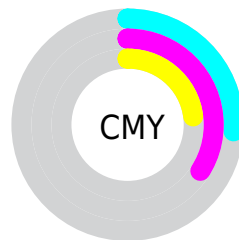
- Red (74%)
- Green (66%)
- Blue (77%)



- Red (74%)
- Yellow (66%)
- Blue (77%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (23%)




- Cyan (26%)
- Magenta (34%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0528, 0.3072, 0.2947 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 43.0528, 0.3072, 0.2947 by changing the saturation by 10% instead.


 43.0528, 0.3072,
0.2947


 43.0528, 0.3072,
0.2947

358.8289, 0.3102,
0.3117

 29.9265, 0.3064,
0.2905


 79.7905, 0.3083,
0.3008

 19.7828, 0.3054,
0.2852


 104.1708, 0.3087,
0.3031

 12.2373, 0.3039,
0.2781


133.0712, 0.3091,
0.3051

 6.9055, 0.3018,
0.2684

166.8761, 0.3093,
0.3068

 3.4031, 0.2983,
0.2542

205.9699, 0.3096,
0.3082

 1.3456, 0.2921,
0.2314

250.7371, 0.3098,

 0.1761, 0.2829,

0.3095

0.1094

301.5619, 0.3100,
0.3107

0.0000, 0.0000,
0.0000

43.0528, 0.3072,
0.2947

43.0528, 0.3072,
0.2947

35.5726, 0.3023,
0.2682

51.6598, 0.3113,
0.3199

29.1648, 0.2966,
0.2410

61.4338, 0.3148,
0.3435

23.7788, 0.2901,
0.2140

72.4198, 0.3176,
0.3653

19.3577, 0.2829,
0.1882

84.6589, 0.3198,
0.3851

15.8387, 0.2751,
0.1647

90.2815, 0.3229,
0.3919

■ 13.1517, 0.2671,
0.1447

■ 91.1938, 0.3266,
0.3911

■ 11.2159, 0.2590,
0.1290

■ 92.1381, 0.3304,
0.3904

■ 9.9336, 0.2512,
0.1182

■ 93.1148, 0.3343,
0.3896

■ 9.3496, 0.2464,
0.1131

■ 94.1242, 0.3381,
0.3889

Harmonies

Analogous

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



43.0528, 0.2857, 0.2899



43.0528, 0.3072, 0.2947



43.0528, 0.3309, 0.3077

Triad

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



43.0528, 0.3072, 0.2947



43.0528, 0.3549, 0.3622



43.0528, 0.2764, 0.3302

Complementary

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



43.0528, 0.3072, 0.2947



51.6924, 0.3175, 0.3643

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.



43.0528, 0.2939, 0.3517



43.0528, 0.3072, 0.2947



43.0528, 0.3393, 0.3703

Square

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



43.0528, 0.3072, 0.2947



43.0528, 0.3591, 0.3459



43.0528, 0.3168, 0.3667



43.0528, 0.2685, 0.3094

Rectangle

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



43.0528, 0.3072, 0.2947



43.0528, 0.3446, 0.3196



43.0528, 0.3168, 0.3667



43.0528, 0.2813, 0.3377

Sweetspot

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



43.0546, 0.3072, 0.2947



93.0916, 0.3112, 0.3192



43.9115, 0.2913, 0.3040



19.6557, 0.3109, 0.3173



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.



43.0546, 0.3072, 0.2947



73.0226, 0.3056, 0.2855



43.8626, 0.3188, 0.3020



10.0919, 0.3091, 0.3060



6.0550, 0.2474, 0.1137



0.2960, 0.2644, 0.1230

Inverse Universe

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



43.2958, 0.3306, 0.3188



73.5853, 0.3360, 0.3161



50.9824, 0.3071, 0.3576



10.1262, 0.3243, 0.3222



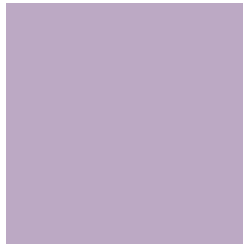
7.7533, 0.5743, 0.2937



0.3475, 0.5089, 0.2577

Previews

White Background



This preview shows how the Yxy color 43.0528, 0.3072, 0.2947 looks on a white background.

Color Contrast Check

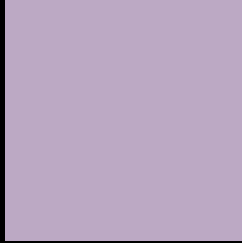
Large Text (above 18pt) WCAG AA × Fail

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 43.0528, 0.3072, 0.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

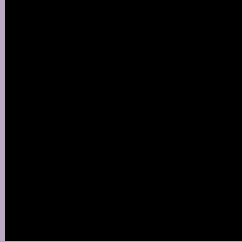
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0528, 0.3072, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 43.0528, 0.3072, 0.2947.



This preview shows how white text looks on a background with the Yxy color 43.0528, 0.3072, 0.2947.

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

43.0528, 0.3072, 0.2947

Protanopia

43.0536, 0.2905, 0.2961

Deuteranopia

43.1786, 0.3028, 0.2968



Tritanopia

43.0256, 0.3153, 0.3121

Trichromacy



Original Color

43.0528, 0.3072, 0.2947

Protanomaly

42.9294, 0.2962, 0.2952

Deuteranomaly

43.0493, 0.3046, 0.2957

Tritanomaly

42.9451, 0.3129, 0.3058

Monochromacy



Original Color

43.0528, 0.3072, 0.2947

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.1078, 0.3107, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0528, 0.3072, 0.2947 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, 169, 196)` looks like.

```
.text, #text, p{  
    color:rgb(188, 169, 196)  
}
```

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, 169, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 169, 196) }
```

Border

The CSS property to change the border of an element to Yxy 43.0528, 0.3072, 0.2947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

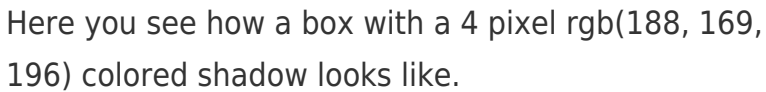
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 169, 196) }
```

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

```
.border{ border-color:rgb(188, 169, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 169, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 169, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 169, 196); box-shadow:4px 4px 4px 4px rgb(188, 169, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0528, 0.3072, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 169, 196) }
```

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

```
.background{ background-color: rgb(188,  
169, 196) }
```

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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