

Converting Colors

$Y_{xy}(44.3225, 0.3080, 0.3056)$

Have a look what the booklet for
Yxy(44.3225, 0.3080, 0.3056)
contains.

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Color

Yxy(44.3922, 0.3077, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	B9AEC0
RGB	185, 174, 192
RGB Percent	73%, 68%, 75%
CMY	0.2746, 0.3176, 0.2471
CMYK	0.04, 0.09, 0.00, 0.25
HSL	277°, 12%, 72%
HSV	277°, 9%, 75%
XYZ	44.6534, 44.3922, 56.0744
YIQ	179.3410, 0.7780, 7.9300

Conversions

Conversions Part 2

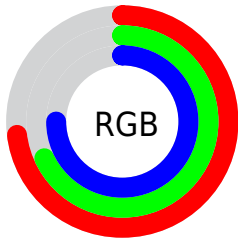
Format	Color
R_{YB}	185, 174, 192
Decimal	12168896
CIE Lab	72.49, 7.27, -7.74
CIE LCh	72, 10.623, 313.208
Yxy	44.3922, 0.3077, 0.3059
Android (android.graphics.Color)	4290358976 (0xFFB9AEC0)
YUV	179.3410, 6.2409, 4.9629
Hunter-Lab	66.6275, 3.0318, -3.2598

Details

The Yxy color $44.3922, 0.3077, 0.3059$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $50.5740, 0.3173, 0.3524$, and the grayscale version is $45.2360, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.5167, 0.3089, 0.3099$, and $20.6887, 0.3057, 0.2993$ is the 20% darker color. If you saturate the color by 10%, you get $36.5924, 0.3014, 0.2796$, and if you desaturate by 10%, it is $53.3050, 0.3130, 0.3305$.

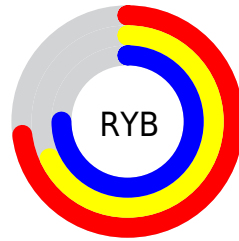
Distribution



Red (73%)

Green (68%)

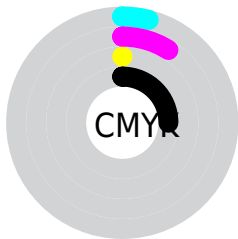
Blue (75%)



Red (73%)

Yellow (68%)

Blue (75%)

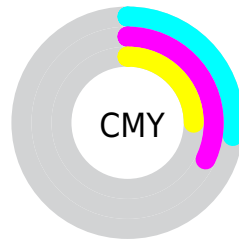


Cyan (4%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3922, 0.3077, 0.3059 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 44.3922, 0.3077, 0.3059 by changing the saturation by 10% instead.

■ 44.3922, 0.3077,
0.3059

■ 44.3922, 0.3077,
0.3059

364.3063, 0.3103,
0.3174

■ 30.9790, 0.3070,
0.3031

■ 81.8076, 0.3087,
0.3101

■ 20.5828, 0.3061,
0.2994

106.5785, 0.3090,
0.3116

■ 12.8194, 0.3049,
0.2946

135.9041, 0.3093,
0.3129

■ 7.3043, 0.3032,
0.2879

170.1688, 0.3096,
0.3141

■ 3.6531, 0.3005,
0.2780

209.7570, 0.3098,
0.3151

■ 1.4815, 0.2958,
0.2619

255.0531, 0.3100,

■ 0.2756, 0.2824,

0.3159

0.1771

306.4414, 0.3101,
0.3167

0.0000, 0.0000,
0.0000

44.3922, 0.3077,
0.3059

44.3922, 0.3077,
0.3059

36.5924, 0.3014,
0.2796

53.3050, 0.3130,
0.3305

29.8543, 0.2941,
0.2520

63.3678, 0.3175,
0.3532

24.1312, 0.2858,
0.2238

74.6231, 0.3212,
0.3738

19.3705, 0.2765,
0.1959

87.1094, 0.3242,
0.3925

15.5147, 0.2665,
0.1696

90.9138, 0.3285,
0.3955

■ 12.5002, 0.2561,
0.1462

■ 92.1236, 0.3334,
0.3945

■ 10.2544, 0.2456,
0.1267

■ 93.3865, 0.3384,
0.3935

■ 8.6925, 0.2354,
0.1121

■ 94.7031, 0.3433,
0.3924

■ 7.6610, 0.2259,
0.1021

■ 96.0740, 0.3484,
0.3914

Harmonies

Analogous

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



44.3922, 0.2941, 0.3036



44.3922, 0.3077, 0.3059



44.3922, 0.3230, 0.3140

Triad

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



44.3922, 0.3077, 0.3059



44.3922, 0.3406, 0.3498



44.3922, 0.2901, 0.3315

Complementary

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



44.3922, 0.3077, 0.3059



50.5740, 0.3173, 0.3524

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.



44.3922, 0.3021, 0.3447



44.3922, 0.3077, 0.3059



44.3922, 0.3313, 0.3553

Square

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



44.3922, 0.3077, 0.3059



44.3922, 0.3422, 0.3390



44.3922, 0.3172, 0.3535



44.3922, 0.2841, 0.3179

Rectangle

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



44.3922, 0.3077, 0.3059



44.3922, 0.3320, 0.3217



44.3922, 0.3172, 0.3535



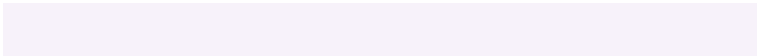
44.3922, 0.2936, 0.3361

Sweetspot

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



44.3941, 0.3077, 0.3059



90.4108, 0.3112, 0.3217



45.9346, 0.2984, 0.3148



19.1120, 0.3107, 0.3197



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.



44.3941, 0.3077, 0.3059



77.7413, 0.3066, 0.3012



45.2070, 0.3153, 0.3086



10.0454, 0.3077, 0.3059



5.1617, 0.2264, 0.1021



0.2619, 0.2476, 0.1137

Inverse Universe

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



44.8179, 0.3229, 0.3201



78.6566, 0.3251, 0.3183



49.8194, 0.3103, 0.3503



10.1414, 0.3229, 0.3201



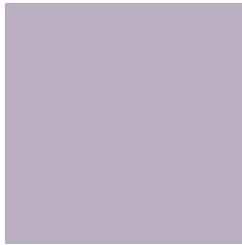
7.8949, 0.5395, 0.2746



0.3546, 0.4797, 0.2416

Previews

White Background



This preview shows how the Yxy color 44.3922, 0.3077, 0.3059 looks on a white background.

Color Contrast Check

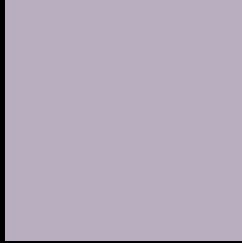
Large Text (above 18pt) WCAG AA × Fail

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 44.3922, 0.3077, 0.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

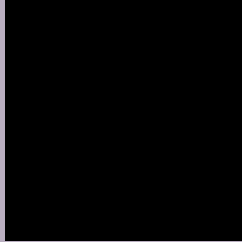
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3922, 0.3077, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 44.3922, 0.3077, 0.3059.



This preview shows how white text looks on a background with the Yxy color 44.3922, 0.3077, 0.3059.

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

44.3922, 0.3077, 0.3059

Protanopia

44.5694, 0.2985, 0.3068

Deuteranopia

44.3843, 0.3103, 0.3048



Tritanopia

44.4811, 0.3100, 0.3122

Trichromacy



Original Color

44.3922, 0.3077, 0.3059

Protanomaly

44.4846, 0.3017, 0.3069

Deuteranomaly

44.2577, 0.3095, 0.3047

Tritanomaly

44.5244, 0.3092, 0.3109

Monochromacy



Original Color

44.3922, 0.3077, 0.3059

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.7287, 0.3105, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3922, 0.3077, 0.3059 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, 174, 192)` looks like.

```
.text, #text, p{  
    color:rgb(185, 174, 192)  
}
```

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, 174, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 174, 192) }
```

Border

The CSS property to change the border of an element to Yxy 44.3922, 0.3077, 0.3059 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, 174, 192) }
```

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

```
.border{ border-color:rgb(185, 174, 192) }
```

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

Here you see how a box with a 4 pixel rgb(185, 174, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 174, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 174, 192);  
box-shadow:4px 4px 4px 4px rgb(185, 174,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3922, 0.3077, 0.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 174, 192) }
```

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

```
.background{ background-color: rgb(185,  
174, 192) }
```

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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