

Converting Colors

$Y_{xy}(44.3174, 0.3056, 0.3049)$

Have a look what the booklet for
Yxy(44.3174, 0.3056, 0.3049)
contains.

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Color

Yxy(44.1896, 0.3052, 0.3045)

Conversions

Conversions Part 1

Format	Color
Hex	B7AEC1
RGB	183, 174, 193
RGB Percent	72%, 68%, 76%
CMY	0.2823, 0.3176, 0.2432
CMYK	0.05, 0.10, 0.00, 0.24
HSL	268°, 13%, 72%
HSV	268°, 10%, 76%
XYZ	44.2912, 44.1896, 56.6411
YIQ	178.8570, -0.7350, 7.8170

Conversions

Conversions Part 2

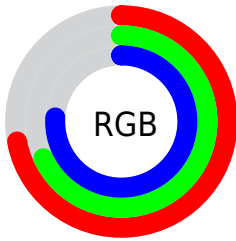
Format	Color
R _Y B	183, 174, 193
Decimal	12037825
CIE Lab	72.36, 6.80, -8.51
CIE LCh	72, 10.896, 308.616
Yxy	44.1896, 0.3052, 0.3045
Android (android.graphics.Color)	4290227905 (0xFFB7AEC1)
YUV	178.8570, 6.9725, 3.6334
Hunter-Lab	66.4753, 2.5994, -3.9861

Details

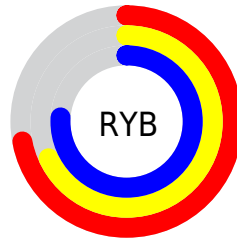
The Yxy color $44.1896, 0.3052, 0.3045$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $51.3798, 0.3197, 0.3535$, and the grayscale version is $44.9631, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.2289, 0.3069, 0.3089$, and $20.5290, 0.3034, 0.2991$ is the 20% darker color. If you saturate the color by 10%, you get $36.0633, 0.2963, 0.2775$, and if you desaturate by 10%, it is $53.4806, 0.3128, 0.3294$.

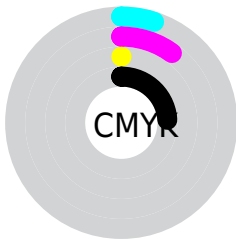
Distribution



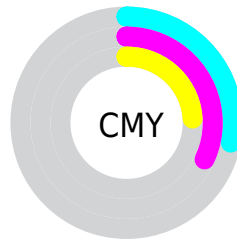
- Red (72%)
- Green (68%)
- Blue (76%)



- Red (72%)
- Yellow (68%)
- Blue (76%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (24%)



- Cyan (28%)
- Magenta (32%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1896, 0.3052, 0.3045 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 44.1896, 0.3052, 0.3045 by changing the saturation by 10% instead.

■ 44.1896, 0.3052,
0.3045

■ 44.1896, 0.3052,
0.3045

363.4814, 0.3091,
0.3167

■ 30.8196, 0.3042,
0.3015

■ 81.5030, 0.3066,
0.3089

■ 20.4615, 0.3029,
0.2976

106.2151, 0.3072,
0.3106

■ 12.7310, 0.3012,
0.2925

135.4768, 0.3076,
0.3120

■ 7.2435, 0.2987,
0.2854

169.6723, 0.3080,
0.3132

■ 3.6149, 0.2948,
0.2748

209.1862, 0.3083,
0.3142

■ 1.4606, 0.2881,
0.2577

254.4027, 0.3086,

■ 0.2607, 0.2664,

0.3152

0.1678

305.7063, 0.3088,
0.3160

0.0000, 0.0000,
0.0000

44.1896, 0.3052,
0.3045

44.1896, 0.3052,
0.3045

36.0633, 0.2963,
0.2775

53.4806, 0.3128,
0.3294

29.0488, 0.2861,
0.2488

63.9752, 0.3193,
0.3520

23.0972, 0.2745,
0.2191

75.7176, 0.3247,
0.3724

18.1539, 0.2619,
0.1893

88.7477, 0.3292,
0.3907

14.1592, 0.2484,
0.1608

92.8145, 0.3354,
0.3929

■ 11.0467, 0.2347,
0.1350

■ 94.5776, 0.3421,
0.3915

■ 8.7413, 0.2212,
0.1135

■ 96.4405, 0.3489,
0.3901

■ 7.1546, 0.2086,
0.0973

■ 96.6298, 0.3496,
0.3900

■ 6.1188, 0.1973,
0.0862

Harmonies

Analogous

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



44.1896, 0.2918, 0.3031



44.1896, 0.3052, 0.3045



44.1896, 0.3209, 0.3120

Triad

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



44.1896, 0.3052, 0.3045



44.1896, 0.3421, 0.3489



44.1896, 0.2911, 0.3337

Complementary

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



44.1896, 0.3052, 0.3045



51.3798, 0.3197, 0.3535

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.



44.1896, 0.3041, 0.3469



44.1896, 0.3052, 0.3045



44.1896, 0.3337, 0.3556

Square

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



44.1896, 0.3052, 0.3045



44.1896, 0.3425, 0.3373



44.1896, 0.3197, 0.3550



44.1896, 0.2838, 0.3196

Rectangle

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



44.1896, 0.3052, 0.3045



44.1896, 0.3306, 0.3196



44.1896, 0.3197, 0.3550



44.1896, 0.2949, 0.3385

Sweetspot

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



44.1915, 0.3052, 0.3045



90.2260, 0.3105, 0.3216



47.1834, 0.2977, 0.3174



19.0620, 0.3099, 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.



44.1915, 0.3052, 0.3045



75.5526, 0.3032, 0.2983



45.3759, 0.3133, 0.3051



9.9771, 0.3056, 0.3057



4.1070, 0.1985, 0.0867



0.2185, 0.2238, 0.1006

Inverse Universe

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



45.0689, 0.3213, 0.3163



77.4827, 0.3236, 0.3132



50.2637, 0.3121, 0.3540



10.1643, 0.3209, 0.3170



8.1874, 0.4830, 0.2435



0.3676, 0.4374, 0.2183

Previews

White Background



This preview shows how the Yxy color 44.1896, 0.3052, 0.3045 looks on a white background.

Color Contrast Check

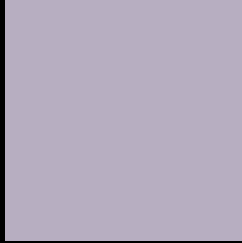
Large Text (above 18pt) WCAG AA × Fail

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 44.1896, 0.3052, 0.3045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

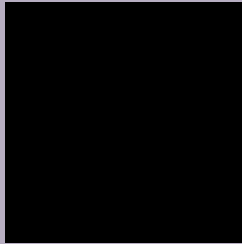
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1896, 0.3052, 0.3045

Background



This preview shows how black text looks on a background with the Yxy color 44.1896, 0.3052, 0.3045.



This preview shows how white text looks on a background with the Yxy color 44.1896, 0.3052, 0.3045.

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

44.1896, 0.3052, 0.3045

Protanopia

44.1758, 0.2985, 0.3054

Deuteranopia

43.9201, 0.3087, 0.3022



Tritanopia

44.2792, 0.3075, 0.3108

Trichromacy



Original Color

44.1896, 0.3052, 0.3045

Protanomaly

44.1387, 0.3010, 0.3043

Deuteranomaly

44.1765, 0.3078, 0.3034

Tritanomaly

44.3227, 0.3067, 0.3095

Monochromacy



Original Color

44.1896, 0.3052, 0.3045

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.6083, 0.3097, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1896, 0.3052, 0.3045 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(183, 174, 193)` looks like.

```
.text, #text, p{  
    color:rgb(183, 174, 193)  
}
```

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(183, 174, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 174, 193) }
```

Border

The CSS property to change the border of an element to Yxy 44.1896, 0.3052, 0.3045 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(183, 174, 193) }
```

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

```
.border{ border-color:rgb(183, 174, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 174, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 174, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 174, 193);  
box-shadow:4px 4px 4px 4px rgb(183, 174,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1896, 0.3052, 0.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 174, 193) }
```

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

```
.background{ background-color: rgb(183,  
174, 193) }
```

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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