

Converting Colors

$Y_{xy}(45.1644, 0.3119, 0.3077)$

Have a look what the booklet for
Yxy(45.1644, 0.3119, 0.3077)
contains.

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Color

Yxy(45.2403, 0.3119, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	BDAFBF
RGB	189, 175, 191
RGB Percent	74%, 69%, 75%
CMY	0.2590, 0.3136, 0.2511
CMYK	0.01, 0.08, 0.00, 0.25
HSL	292°, 11%, 72%
HSV	292°, 8%, 75%
XYZ	45.7093, 45.2403, 55.6015
YIQ	181.0100, 3.2080, 7.9440

Conversions

Conversions Part 2

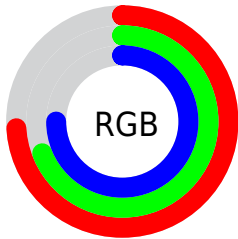
Format	Color
R_{YB}	189, 175, 191
Decimal	12431295
CIE Lab	73.05, 7.90, -6.33
CIE LCh	73, 10.120, 321.313
Yxy	45.2403, 0.3119, 0.3087
Android (android.graphics.Color)	4290621375 (0xFFBD AFBF)
YUV	181.0100, 4.9251, 7.0072
Hunter-Lab	67.2609, 3.5987, -1.9296

Details

The Yxy color $45.2403, 0.3119, 0.3087$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.7024, 0.3134, 0.3499$, and the grayscale version is $46.1832, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.2797, 0.3121, 0.3131$, and $21.2351, 0.3115, 0.3031$ is the 20% darker color. If you saturate the color by 10%, you get $38.0173, 0.3106, 0.2835$, and if you desaturate by 10%, it is $53.5238, 0.3129, 0.3329$.

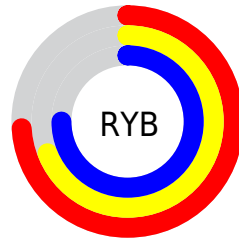
Distribution



Red (74%)

Green (69%)

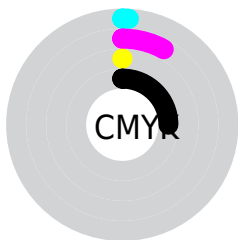
Blue (75%)



Red (74%)

Yellow (69%)

Blue (75%)

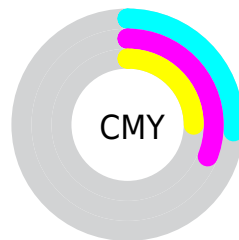


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (26%)


Magenta (31%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2403, 0.3119, 0.3087 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 45.2403, 0.3119, 0.3087 by changing the saturation by 10% instead.


 45.2403, 0.3119,
0.3087

 45.2403, 0.3119,
0.3087


367.7459, 0.3124,
0.3188

 31.6467, 0.3118,
0.3062


 83.0809, 0.3121,
0.3123

 21.0918, 0.3116,
0.3030


108.0967, 0.3122,
0.3137

 13.1911, 0.3113,
0.2988


137.6887, 0.3122,
0.3149

 7.5603, 0.3109,
0.2930

172.2414, 0.3123,
0.3159

 3.8149, 0.3102,
0.2844

212.1390, 0.3123,
0.3167

 1.5706, 0.3088,
0.2704

257.7661, 0.3123,

 0.3376, 0.3093,

0.3175

0.2032

309.5069, 0.3124,
0.3182

■ 0.0000, 0.0000,
0.0000

■ 45.2403, 0.3119,
0.3087

■ 45.2403, 0.3119,
0.3087

■ 38.0173, 0.3106,
0.2835

■ 53.5238, 0.3129,
0.3329

■ 31.8050, 0.3090,
0.2579

■ 62.9034, 0.3135,
0.3557

■ 26.5585, 0.3071,
0.2326

■ 73.4200, 0.3140,
0.3769

■ 22.2269, 0.3048,
0.2086

■ 85.1109, 0.3143,
0.3963

■ 18.7549, 0.3021,
0.1868

■ 87.7110, 0.3155,
0.3995

■ 16.0810, 0.2992,
0.1683

■ 88.0504, 0.3171,
0.3992

■ 14.1356, 0.2960,
0.1538

■ 88.3951, 0.3186,
0.3989

■ 12.8372, 0.2928,
0.1436

■ 88.7452, 0.3201,
0.3985

■ 12.0553, 0.2895,
0.1374

■ 89.1007, 0.3216,
0.3982

Harmonies

Analogous

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



45.2403, 0.2982, 0.3049



45.2403, 0.3119, 0.3087



45.2403, 0.3261, 0.3176

Triad

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



45.2403, 0.3119, 0.3087



45.2403, 0.3373, 0.3507



45.2403, 0.2891, 0.3277

Complementary

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



45.2403, 0.3119, 0.3087



49.7024, 0.3134, 0.3499

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.



45.2403, 0.2992, 0.3407



45.2403, 0.3119, 0.3087



45.2403, 0.3270, 0.3541

Square

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



45.2403, 0.3119, 0.3087



45.2403, 0.3410, 0.3416



45.2403, 0.3130, 0.3505



45.2403, 0.2853, 0.3155

Rectangle

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



45.2403, 0.3119, 0.3087



45.2403, 0.3339, 0.3254



45.2403, 0.3130, 0.3505



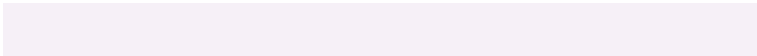
45.2403, 0.2919, 0.3322

Sweetspot

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



45.2422, 0.3119, 0.3087



88.6821, 0.3124, 0.3217



44.3811, 0.3000, 0.3108



19.2094, 0.3124, 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.



45.2422, 0.3119, 0.3087



78.5767, 0.3117, 0.3042



45.2510, 0.3185, 0.3161



9.6331, 0.3118, 0.3062



7.8754, 0.2894, 0.1368



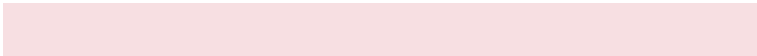
0.3259, 0.2974, 0.1412

Inverse Universe

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



44.9191, 0.3252, 0.3264



77.8855, 0.3283, 0.3258



49.7008, 0.3074, 0.3422



9.5556, 0.3269, 0.3261



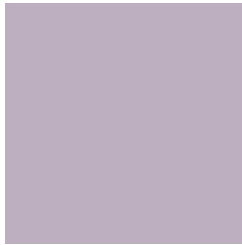
7.3301, 0.6219, 0.3200



0.2937, 0.5709, 0.2919

Previews

White Background



This preview shows how the Yxy color 45.2403, 0.3119, 0.3087 looks on a white background.

Color Contrast Check

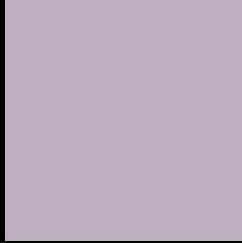
Large Text (above 18pt) WCAG AA × Fail

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 45.2403, 0.3119, 0.3087 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 45.2403, 0.3119, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 45.2403, 0.3119, 0.3087.



This preview shows how white text looks on a background with the Yxy color 45.2403, 0.3119, 0.3087.

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

45.2403, 0.3119, 0.3087

Protanopia

45.2748, 0.3017, 0.3095

Deuteranopia

45.1101, 0.3137, 0.3075



Tritanopia

45.1529, 0.3136, 0.3112

Trichromacy



Original Color

45.2403, 0.3119, 0.3087

Protanomaly

45.3173, 0.3059, 0.3097

Deuteranomaly

44.9808, 0.3129, 0.3074

Tritanomaly

45.1965, 0.3127, 0.3099

Monochromacy



Original Color

45.2403, 0.3119, 0.3087

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.9333, 0.3122, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2403, 0.3119, 0.3087 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(189, 175, 191)` looks like.

```
.text, #text, p{  
    color:rgb(189, 175, 191)  
}
```

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(189, 175, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 175, 191) }
```

Border

The CSS property to change the border of an element to Yxy 45.2403, 0.3119, 0.3087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

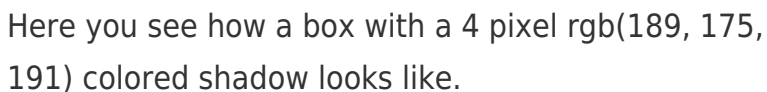
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 175, 191) }
```

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

```
.border{ border-color:rgb(189, 175, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 175, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 175, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 175, 191);  
box-shadow:4px 4px 4px 4px rgb(189, 175,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2403, 0.3119, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 175, 191) }
```

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

```
.background{ background-color: rgb(189,  
175, 191) }
```

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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