

Converting Colors

$Yxy(43.2803, 0.3177, 0.3173)$

Have a look what the booklet for
Yxy(43.2803, 0.3177, 0.3173)
contains.

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Color

Yxy(43.2803, 0.3177, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	BAACB5
RGB	186, 172, 181
RGB Percent	73%, 67%, 71%
CMY	0.2708, 0.3254, 0.2902
CMYK	0.00, 0.07, 0.03, 0.27
HSL	321°, 9%, 70%
HSV	321°, 7%, 73%
XYZ	43.3349, 43.2803, 49.7867
YIQ	177.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

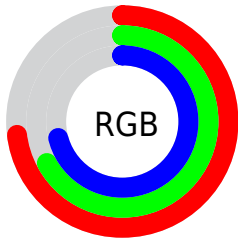
Format	Color
R _Y B	186, 172, 181
Decimal	12233909
CIE Lab	71.74, 6.62, -2.80
CIE LCh	72, 7.187, 337.101
Yxy	43.2803, 0.3177, 0.3173
Android (android.graphics.Color)	4290423989 (0xFFBAACB5)
YUV	177.2120, 1.8675, 7.7071
Hunter-Lab	65.7878, 2.4506, 1.1821

Details

The Yxy color **43.2803, 0.3177, 0.3173** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.0458, 0.3080, 0.3410**, and the grayscale version is **44.0699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9298, 0.3166, 0.3189**, and **19.9780, 0.3196, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **36.4262, 0.3254, 0.3010**, and if you desaturate by 10%, it is **51.1415, 0.3112, 0.3328**.

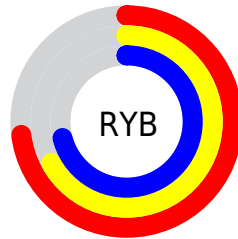
Distribution



Red (73%)

Green (67%)

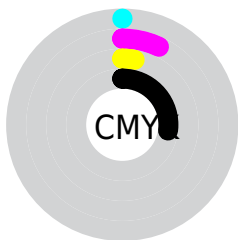
Blue (71%)



Red (73%)

Yellow (67%)

Blue (71%)

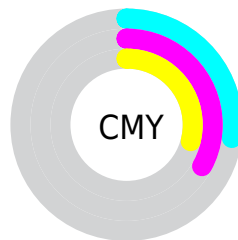


Cyan (0%)

Magenta (7%)

Yellow (3%)

Black (27%)



Cyan (27%)


Magenta (33%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2803, 0.3177, 0.3173 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 43.2803, 0.3177, 0.3173 by changing the saturation by 10% instead.


 43.2803, 0.3177,
0.3173

 43.2803, 0.3177,
0.3173


359.7632, 0.3152,
0.3232

 30.1051, 0.3183,
0.3158


 80.1337, 0.3168,
0.3194

 19.9184, 0.3191,
0.3139


104.5806, 0.3165,
0.3202

 12.3357, 0.3202,
0.3114


133.5537, 0.3162,
0.3209

 6.9728, 0.3217,
0.3078

167.4371, 0.3159,
0.3215

 3.4451, 0.3240,
0.3024

206.6154, 0.3157,
0.3220

 1.3683, 0.3278,
0.2934

251.4729, 0.3155,

 0.1932, 0.3656,

0.3224

0.2046

302.3941, 0.3154,
0.3228

0.0000, 0.0000,
0.0000

43.2803, 0.3177,
0.3173

43.2803, 0.3177,
0.3173

36.4262, 0.3254,
0.3010

51.1415, 0.3112,
0.3328

30.5325, 0.3345,
0.2843

60.0429, 0.3057,
0.3473

25.5572, 0.3451,
0.2676

70.0229, 0.3012,
0.3608

21.4529, 0.3572,
0.2516

81.1165, 0.2974,
0.3733

18.1681, 0.3707,
0.2373

86.8115, 0.2940,
0.3746

■ 15.6455, 0.3854,
0.2258

■ 87.1563, 0.2905,
0.3669

■ 13.8206, 0.4010,
0.2180

■ 87.5149, 0.2871,
0.3594

■ 12.6183, 0.4167,
0.2150

■ 87.8876, 0.2837,
0.3520

■ 11.9279, 0.4322,
0.2169

■ 88.2744, 0.2803,
0.3446

Harmonies

Analogous

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



43.2803, 0.3073, 0.3124



43.2803, 0.3177, 0.3173



43.2803, 0.3269, 0.3252

Triad

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



43.2803, 0.3177, 0.3173



43.2803, 0.3270, 0.3465



43.2803, 0.2935, 0.3233

Complementary

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



43.2803, 0.3177, 0.3173



47.0458, 0.3080, 0.3410

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.



43.2803, 0.2987, 0.3327



43.2803, 0.3177, 0.3173



43.2803, 0.3179, 0.3463

Square

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



43.2803, 0.3177, 0.3173



43.2803, 0.3323, 0.3420



43.2803, 0.3076, 0.3412



43.2803, 0.2934, 0.3157

Rectangle

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



43.2803, 0.3177, 0.3173



43.2803, 0.3311, 0.3312



43.2803, 0.3076, 0.3412



43.2803, 0.2947, 0.3264

Sweetspot

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



43.2822, 0.3177, 0.3173



86.0474, 0.3140, 0.3259



42.3905, 0.3056, 0.3105



18.9817, 0.3139, 0.3260



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.



43.2822, 0.3177, 0.3173



76.3124, 0.3189, 0.3147



43.0061, 0.3236, 0.3263



9.1071, 0.3190, 0.3144



7.9482, 0.4342, 0.2166



0.2915, 0.3981, 0.1966

Inverse Universe

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



43.2822, 0.3177, 0.3173



76.3124, 0.3189, 0.3147



47.3276, 0.3028, 0.3317



9.1071, 0.3190, 0.3144



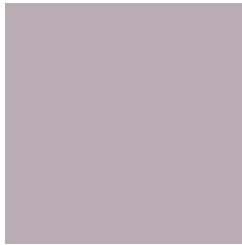
7.9482, 0.4342, 0.2166



0.2915, 0.3981, 0.1966

Previews

White Background



This preview shows how the Yxy color 43.2803, 0.3177, 0.3173 looks on a white background.

Color Contrast Check

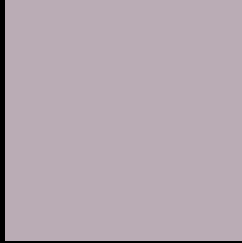
Large Text (above 18pt) WCAG AA × Fail

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 43.2803, 0.3177, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

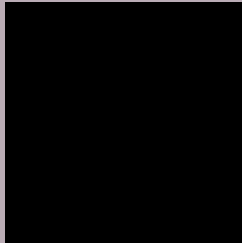
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

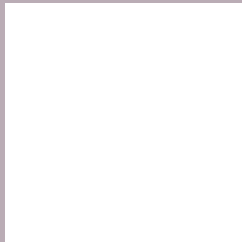
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2803, 0.3177, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 43.2803, 0.3177, 0.3173.



This preview shows how white text looks on a background with the Yxy color 43.2803, 0.3177, 0.3173.

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

43.2803, 0.3177, 0.3173

Protanopia

43.4260, 0.3080, 0.3184

Deuteranopia

43.0328, 0.3215, 0.3148



Tritanopia

43.1934, 0.3154, 0.3109

Trichromacy



Original Color

43.2803, 0.3177, 0.3173

Protanomaly

43.3528, 0.3114, 0.3184

Deuteranomaly

43.2808, 0.3205, 0.3161

Tritanomaly

43.1513, 0.3162, 0.3122

Monochromacy



Original Color

43.2803, 0.3177, 0.3173

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.5776, 0.3147, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2803, 0.3177, 0.3173 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(186, 172, 181)` looks like.

```
.text, #text, p{  
    color:rgb(186, 172, 181)  
}
```

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(186, 172, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 172, 181) }
```

Border

The CSS property to change the border of an element to Yxy 43.2803, 0.3177, 0.3173 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(186, 172, 181) }
```

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

```
.border{ border-color:rgb(186, 172, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 172, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 172, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 172, 181);  
box-shadow:4px 4px 4px 4px rgb(186, 172,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2803, 0.3177, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 172, 181) }
```

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

```
.background{ background-color: rgb(186,  
172, 181) }
```

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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