

Converting Colors

$Yxy(44.0422, 0.3203, 0.3187)$

Have a look what the booklet for
Yxy(44.0422, 0.3203, 0.3187)
contains.

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Color

Yxy(44.0422, 0.3203, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	BDADB5
RGB	189, 173, 181
RGB Percent	74%, 68%, 71%
CMY	0.2590, 0.3215, 0.2902
CMYK	0.00, 0.08, 0.04, 0.26
HSL	330°, 11%, 71%
HSV	330°, 8%, 74%
XYZ	44.2633, 44.0422, 49.8878
YIQ	178.6960, 6.9680, 5.8800

Conversions

Conversions Part 2

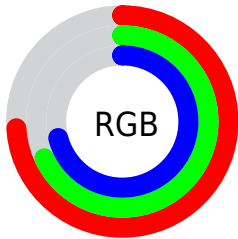
Format	Color
RYB	189, 173, 181
Decimal	12430773
CIELab	72.26, 7.14, -2.02
CIELCh	72, 7.422, 344.224
Yxy	44.0422, 0.3203, 0.3187
Android (android.graphics.Color)	4290620853 (0xFFBDADB5)
YUV	178.6960, 1.1359, 9.0366
Hunter-Lab	66.3643, 2.9175, 1.8852

Details

The Yxy color $44.0422, 0.3203, 0.3187$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.5991, 0.3057, 0.3395$, and the grayscale version is $44.8990, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.0137, 0.3187, 0.3200$, and $20.4675, 0.3232, 0.3167$ is the 20% darker color. If you saturate the color by 10%, you get $36.9276, 0.3310, 0.3059$, and if you desaturate by 10%, it is $52.2117, 0.3114, 0.3308$.

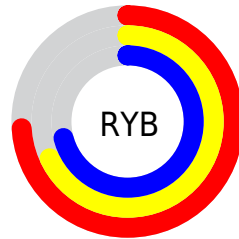
Distribution



Red (74%)

Green (68%)

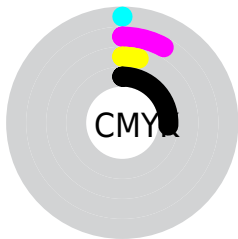
Blue (71%)



Red (74%)

Yellow (68%)

Blue (71%)

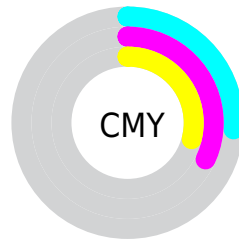


Cyan (0%)

Magenta (8%)

Yellow (4%)

Black (26%)



Cyan (26%)


Magenta (32%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0422, 0.3203, 0.3187 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 44.0422, 0.3203, 0.3187 by changing the saturation by 10% instead.


 44.0422, 0.3203,
0.3187

 44.0422, 0.3203,
0.3187

362.8805, 0.3165,
0.3239

 30.7037, 0.3213,
0.3174


 81.2812, 0.3189,
0.3206

 20.3733, 0.3225,
0.3157


105.9506, 0.3184,
0.3213

 12.6667, 0.3241,
0.3135


135.1656, 0.3180,
0.3219

 7.1994, 0.3265,
0.3104

169.3108, 0.3176,
0.3224

 3.5871, 0.3300,
0.3057

208.7704, 0.3173,
0.3228

 1.4454, 0.3359,
0.2978

253.9290, 0.3170,

 0.2498, 0.3832,

0.3232

305.1709, 0.3167,
0.3236

0.2325

0.0000, 0.0000,
0.0000

44.0422, 0.3203,
0.3187

44.0422, 0.3203,
0.3187

36.9276, 0.3310,
0.3059

52.2117, 0.3114,
0.3308

30.8189, 0.3438,
0.2926

61.4712, 0.3041,
0.3422

25.6717, 0.3590,
0.2794

71.8611, 0.2981,
0.3527

21.4359, 0.3767,
0.2668

83.4182, 0.2931,
0.3623

18.0571, 0.3970,
0.2557

87.9426, 0.2883,
0.3583

■ 15.4748, 0.4196,
0.2474

■ 88.4808, 0.2834,
0.3478

■ 13.6206, 0.4437,
0.2431

■ 89.0481, 0.2786,
0.3375

■ 12.4142, 0.4682,
0.2438

■ 89.5537, 0.2747,
0.3289

■ 11.7257, 0.4920,
0.2494

Harmonies

Analogous

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



44.0422, 0.3096, 0.3128



44.0422, 0.3203, 0.3187



44.0422, 0.3290, 0.3273

Triad

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



44.0422, 0.3203, 0.3187



44.0422, 0.3255, 0.3474



44.0422, 0.2925, 0.3210

Complementary

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



44.0422, 0.3203, 0.3187



48.5991, 0.3057, 0.3395

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.



44.0422, 0.2966, 0.3305



44.0422, 0.3203, 0.3187



44.0422, 0.3156, 0.3459

Square

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



44.0422, 0.3203, 0.3187



44.0422, 0.3320, 0.3438



44.0422, 0.3050, 0.3397



44.0422, 0.2937, 0.3140

Rectangle

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



44.0422, 0.3203, 0.3187



44.0422, 0.3325, 0.3335



44.0422, 0.3050, 0.3397



44.0422, 0.2933, 0.3240

Sweetspot

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



44.0441, 0.3203, 0.3187



86.5684, 0.3153, 0.3253



43.3566, 0.3065, 0.3082



18.3622, 0.3160, 0.3244



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.



44.0441, 0.3203, 0.3187



76.5908, 0.3220, 0.3165



43.7357, 0.3269, 0.3287



9.6140, 0.3212, 0.3176



7.8473, 0.4929, 0.2489



0.3206, 0.4411, 0.2203

Inverse Universe

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



44.0441, 0.3203, 0.3187



76.5908, 0.3220, 0.3165



48.9250, 0.3001, 0.3293



9.6140, 0.3212, 0.3176



7.8473, 0.4929, 0.2489



0.3206, 0.4411, 0.2203

Previews

White Background



This preview shows how the Yxy color 44.0422, 0.3203, 0.3187 looks on a white background.

Color Contrast Check

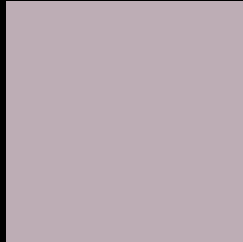
Large Text (above 18pt) WCAG AA × Fail

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 44.0422, 0.3203, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

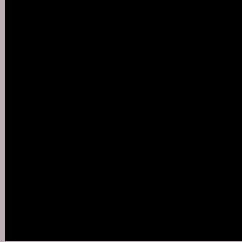
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0422, 0.3203, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 44.0422, 0.3203, 0.3187.



This preview shows how white text looks on a background with the Yxy color 44.0422, 0.3203, 0.3187.

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

44.0422, 0.3203, 0.3187

Protanopia

44.0533, 0.3097, 0.3198

Deuteranopia

44.0477, 0.3231, 0.3175



Tritanopia

43.9974, 0.3171, 0.3111

Trichromacy



Original Color

44.0422, 0.3203, 0.3187

Protanomaly

44.1046, 0.3140, 0.3198

Deuteranomaly

43.9176, 0.3222, 0.3175

Tritanomaly

43.9129, 0.3188, 0.3136

Monochromacy



Original Color

44.0422, 0.3203, 0.3187

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.8068, 0.3155, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0422, 0.3203, 0.3187 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, 173, 181)` looks like.

```
.text, #text, p{  
    color:rgb(189, 173, 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(189, 173, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 173, 181) }
```

Border

The CSS property to change the border of an element to Yxy 44.0422, 0.3203, 0.3187 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, 173, 181) }
```

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

```
.border{ border-color:rgb(189, 173, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 173, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 173, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 173, 181);  
box-shadow:4px 4px 4px 4px rgb(189, 173,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0422, 0.3203, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 173, 181) }
```

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

```
.background{ background-color: rgb(189,  
173, 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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