

Converting Colors

$Y_{xy}(33.4212, 0.3175, 0.2750)$

Have a look what the booklet for
Yxy(33.4212, 0.3175, 0.2750)
contains.

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Color

Yxy(33.5447, 0.3173, 0.2748)

Conversions

Conversions Part 1

Format	Color
Hex	BA8FB8
RGB	186, 143, 184
RGB Percent	73%, 56%, 72%
CMY	0.2704, 0.4393, 0.2783
CMYK	0.00, 0.23, 0.01, 0.27
HSL	303°, 24%, 65%
HSV	303°, 23%, 73%
XYZ	38.7327, 33.5447, 49.7922
YIQ	160.5310, 12.4670, 21.8670

Conversions

Conversions Part 2

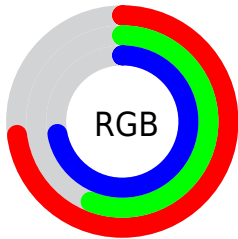
Format	Color
R _Y B	186, 143, 184
Decimal	12226488
CIE Lab	64.60, 23.28, -15.12
CIE LCh	65, 27.762, 326.998
Yxy	33.5447, 0.3173, 0.2748
Android (android.graphics.Color)	4290416568 (0xFFBA8FB8)
YUV	160.5310, 11.5702, 22.3363
Hunter-Lab	57.9178, 18.0162, -10.4294

Details

The Yxy color **33.5447, 0.3173, 0.2748** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.0175, 0.3082, 0.3899**, and the grayscale version is **35.3551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2785, 0.3171, 0.2849**, and **14.1985, 0.3175, 0.2585** is the 20% darker color. If you saturate the color by 10%, you get **28.3803, 0.3195, 0.2513**, and if you desaturate by 10%, it is **39.6386, 0.3152, 0.2985**.

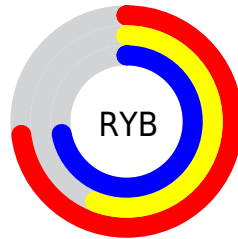
Distribution



Red (73%)

Green (56%)

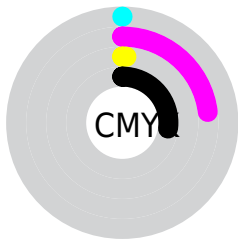
Blue (72%)



Red (73%)

Yellow (56%)

Blue (72%)

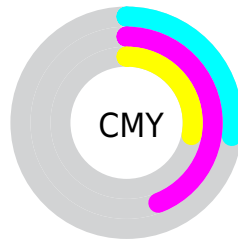


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (27%)



Cyan (27%)

Magenta (44%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5447, 0.3173, 0.2748 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 33.5447, 0.3173, 0.2748 by changing the saturation by 10% instead.


 33.5447, 0.3173,
0.2748


 33.5447, 0.3173,
0.2748


318.0971, 0.3154,
0.3022

 22.5440, 0.3177,
0.2679


 65.2250, 0.3167,
0.2848

 14.2572, 0.3180,
0.2590


 86.6735, 0.3164,
0.2886

 8.2998, 0.3184,
0.2471


112.3733, 0.3162,
0.2917

 4.2874, 0.3185,
0.2304

142.7089, 0.3160,
0.2944

 1.8356, 0.3180,
0.2055

178.0647, 0.3158,
0.2967

 0.5092, 0.3198,
0.1521

218.8251, 0.3157,

 0.0000, 0.0003,

0.2988

0.0000

265.3744, 0.3155,
0.3006

0.0000, 0.0000,
0.0000

33.5447, 0.3173,
0.2748

33.5447, 0.3173,
0.2748

28.3803, 0.3195,
0.2513

39.6386, 0.3152,
0.2985

24.0952, 0.3218,
0.2290

46.6999, 0.3133,
0.3218

20.6414, 0.3241,
0.2086

54.7701, 0.3115,
0.3442

17.9646, 0.3263,
0.1912

63.8866, 0.3100,
0.3654

16.0038, 0.3284,
0.1776

74.0854, 0.3086,
0.3850

■ 14.6892, 0.3303,
0.1680

■ 85.4002, 0.3073,
0.4031

■ 13.9368, 0.3320,
0.1628

■ 85.6874, 0.3068,
0.4025

■ 13.6312, 0.3330,
0.1608

■ 85.7257, 0.3064,
0.4015

■ 85.7642, 0.3059,
0.4004

Harmonies

Analogous

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



33.5447, 0.2756, 0.2606



33.5447, 0.3173, 0.2748



33.5447, 0.3604, 0.3012

Triad

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



33.5447, 0.3173, 0.2748



33.5447, 0.3818, 0.3967



33.5447, 0.2399, 0.3150

Complementary

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



33.5447, 0.3173, 0.2748



43.0175, 0.3082, 0.3899

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.



33.5447, 0.2649, 0.3577



33.5447, 0.3173, 0.2748



33.5447, 0.3465, 0.4073

Square

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



33.5447, 0.3173, 0.2748



33.5447, 0.3988, 0.3693



33.5447, 0.3036, 0.3933



33.5447, 0.2333, 0.2805

Rectangle

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



33.5447, 0.3173, 0.2748



33.5447, 0.3831, 0.3232



33.5447, 0.3036, 0.3933



33.5447, 0.2463, 0.3290

Sweetspot

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



33.5462, 0.3173, 0.2748



79.3083, 0.3140, 0.3127



29.1545, 0.2753, 0.2652



17.2935, 0.3141, 0.3113



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.



33.5462, 0.3173, 0.2748



55.5923, 0.3185, 0.2622



32.7317, 0.3382, 0.3017



9.1553, 0.3145, 0.3075



9.1694, 0.3328, 0.1607



0.3255, 0.3295, 0.1589

Inverse Universe

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



33.5462, 0.3173, 0.2748



55.5923, 0.3185, 0.2622



43.7243, 0.2930, 0.3581



9.1553, 0.3145, 0.3075



9.1694, 0.3328, 0.1607



0.3255, 0.3295, 0.1589

Previews

White Background



This preview shows how the Yxy color 33.5447, 0.3173, 0.2748 looks on a white background.

Color Contrast Check

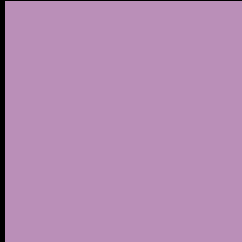
Large Text (above 18pt) WCAG AA × Fail

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 33.5447, 0.3173, 0.2748 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 33.5447, 0.3173, 0.2748

Background



This preview shows how black text looks on a background with the Yxy color 33.5447, 0.3173, 0.2748.



This preview shows how white text looks on a background with the Yxy color 33.5447, 0.3173, 0.2748.

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

33.5447, 0.3173, 0.2748

Protanopia

33.5444, 0.2751, 0.2759

Deuteranopia

33.6334, 0.2937, 0.2877



Tritanopia

33.7503, 0.3383, 0.3139

Trichromacy



Original Color

33.5447, 0.3173, 0.2748

Protanomaly

33.4887, 0.2896, 0.2759

Deuteranomaly

33.3488, 0.3013, 0.2818

Tritanomaly

33.5753, 0.3306, 0.2991

Monochromacy



Original Color

33.5447, 0.3173, 0.2748

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.5218, 0.3147, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5447, 0.3173, 0.2748 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, 143, 184)` looks like.

```
.text, #text, p{  
    color:rgb(186, 143, 184)  
}
```

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, 143, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 143, 184) }
```

Border

The CSS property to change the border of an element to Yxy 33.5447, 0.3173, 0.2748 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, 143, 184) }
```

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

```
.border{ border-color:rgb(186, 143, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 143, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 143, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 143, 184);  
box-shadow:4px 4px 4px 4px rgb(186, 143,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5447, 0.3173, 0.2748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 143, 184) }
```

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

```
.background{ background-color: rgb(186,  
143, 184) }
```

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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