

Converting Colors

Yxy(33.4542, 0.2900, 0.2353)

Have a look what the booklet for
Yxy(33.4542, 0.2900, 0.2353)
contains.

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Color

Yxy(33.2953, 0.2903, 0.2351)

Conversions

Conversions Part 1

Format	Color
Hex	B98AD5
RGB	185, 138, 213
RGB Percent	73%, 54%, 84%
CMY	0.2744, 0.4589, 0.1647
CMYK	0.13, 0.35, 0.00, 0.16
HSL	278°, 47%, 69%
HSV	278°, 35%, 84%
XYZ	41.1128, 33.2953, 67.2137
YIQ	160.6030, 3.9370, 33.2890

Conversions

Conversions Part 2

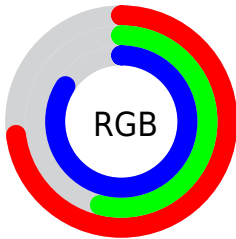
Format	Color
RYB	185, 138, 213
Decimal	12159701
CIELab	64.40, 31.59, -31.67
CIELCh	64, 44.733, 314.923
Yxy	33.2953, 0.2903, 0.2351
Android (android.graphics.Color)	4290349781 (0xFFB98AD5)
YUV	160.6030, 25.8317, 21.3962
Hunter-Lab	57.7021, 26.2029, -28.6720

Details

The Yxy color **33.2953, 0.2903, 0.2351** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.5284, 0.3280, 0.4279**, and the grayscale version is **35.3253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7965, 0.3059, 0.2654**, and **14.1103, 0.2822, 0.2102** is the 20% darker color. If you saturate the color by 10%, you get **26.8124, 0.2817, 0.2070**, and if you desaturate by 10%, it is **41.0346, 0.2979, 0.2632**.

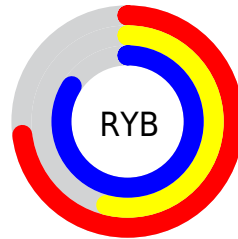
Distribution



Red (73%)

Green (54%)

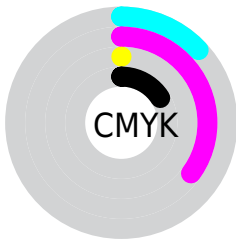
Blue (84%)



Red (73%)

Yellow (54%)

Blue (84%)

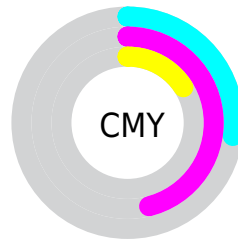


Cyan (13%)

Magenta (35%)

Yellow (0%)

Black (16%)



Cyan (27%)


Magenta (46%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.2953, 0.2903, 0.2351 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 33.2953, 0.2903, 0.2351 by changing the saturation by 10% instead.


 33.2953, 0.2903,
0.2351


 33.2953, 0.2903,
0.2351


316.9783, 0.3030,
0.2810


 22.3528, 0.2867,
0.2241


 64.8363, 0.2953,
0.2515

 14.1163, 0.2818,
0.2103


 86.2035, 0.2970,
0.2577

 8.2016, 0.2750,
0.1925


 111.8145, 0.2985,
0.2630

 4.2242, 0.2648,
0.1689

142.0535, 0.2997,
0.2676

 1.7998, 0.2485,
0.1367

177.3050, 0.3007,
0.2716

 0.4870, 0.2219,
0.0833

217.9533, 0.3016,

 0.0000, 0.0987,

0.2751

0.0000

264.3830, 0.3024,
0.2782

0.0000, 0.0000,
0.0000

33.2953, 0.2903,
0.2351

33.2953, 0.2903,
0.2351

26.8124, 0.2817,
0.2070

41.0346, 0.2979,
0.2632

21.5106, 0.2724,
0.1801

50.0917, 0.3045,
0.2904

17.3124, 0.2625,
0.1556

60.5288, 0.3101,
0.3162


14.1296, 0.2523,
0.1347


72.4031, 0.3149,
0.3402


11.8594, 0.2423,
0.1185

85.7682, 0.3188,
0.3622

 10.3764, 0.2328,
0.1074

 93.5953, 0.3230,
0.3720

 9.8389, 0.2285,
0.1032

 94.9598, 0.3281,
0.3713

 96.3852, 0.3333,
0.3706

 97.5844, 0.3376,
0.3701

Harmonies

Analogous

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



33.2953, 0.2327, 0.2219



33.2953, 0.2903, 0.2351



33.2953, 0.3616, 0.2675

Triad

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



33.2953, 0.2903, 0.2351



33.2953, 0.4364, 0.4159



33.2953, 0.2110, 0.3310

Complementary

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



33.2953, 0.2903, 0.2351



57.5284, 0.3280, 0.4279

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.



33.2953, 0.2576, 0.4041



33.2953, 0.2903, 0.2351



33.2953, 0.3880, 0.4517

Square

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



33.2953, 0.2903, 0.2351



33.2953, 0.4515, 0.3654



33.2953, 0.3223, 0.4518



33.2953, 0.1912, 0.2682

Rectangle

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



33.2953, 0.2903, 0.2351



33.2953, 0.4058, 0.2970



33.2953, 0.3223, 0.4518



33.2953, 0.2238, 0.3558

Sweetspot

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



33.2967, 0.2903, 0.2351



81.4610, 0.3069, 0.3012



37.7507, 0.2548, 0.2652



16.9860, 0.3061, 0.2977



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.2967, 0.2903, 0.2351



42.8259, 0.2842, 0.2148



36.6924, 0.3250, 0.2513



12.3906, 0.3079, 0.3056



6.0696, 0.2297, 0.1039



0.4126, 0.2455, 0.1126

Inverse Universe

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



35.0722, 0.3647, 0.2947



46.0320, 0.3803, 0.2876



55.0920, 0.3025, 0.4216



12.4966, 0.3233, 0.3203



9.0079, 0.5473, 0.2789



0.5591, 0.5001, 0.2529

Previews

White Background



This preview shows how the Yxy color 33.2953, 0.2903, 0.2351 looks on a white background.

Color Contrast Check

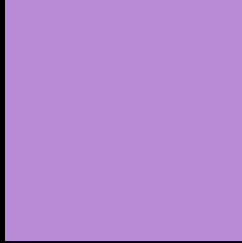
Large Text (above 18pt) WCAG AA × Fail

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 33.2953, 0.2903, 0.2351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

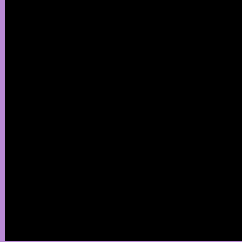
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.2953, 0.2903, 0.2351

Background



This preview shows how black text looks on a background with the Yxy color 33.2953, 0.2903, 0.2351.



This preview shows how white text looks on a background with the Yxy color 33.2953, 0.2903, 0.2351.

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

33.2953, 0.2903, 0.2351

Protanopia

33.5887, 0.2408, 0.2314

Deuteranopia

33.5151, 0.2573, 0.2511



Tritanopia

33.3801, 0.3309, 0.3136

Trichromacy



Original Color

33.2953, 0.2903, 0.2351

Protanomaly

33.0757, 0.2567, 0.2321

Deuteranomaly

33.1521, 0.2686, 0.2443

Tritanomaly

33.2088, 0.3159, 0.2829

Monochromacy



Original Color

33.2953, 0.2903, 0.2351

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.6238, 0.3048, 0.2915

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2953, 0.2903, 0.2351 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(185, 138, 213)` looks like.

```
.text, #text, p{  
    color:rgb(185, 138, 213)  
}
```

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(185, 138, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 138, 213) }
```

Border

The CSS property to change the border of an element to Yxy 33.2953, 0.2903, 0.2351 is called "border". The border property can be set on classes, ids or directly on the HTML element.

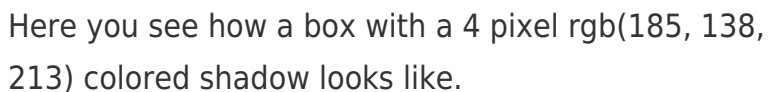
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 138, 213) }
```

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

```
.border{ border-color:rgb(185, 138, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 138, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 138, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 138, 213);  
box-shadow:4px 4px 4px 4px rgb(185, 138,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2953, 0.2903, 0.2351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 138, 213) }
```

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

```
.background{ background-color: rgb(185,  
138, 213) }
```

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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