

Converting Colors

$Yxy(35.8254, 0.3100, 0.2837)$

Have a look what the booklet for
Yxy(35.8254, 0.3100, 0.2837)
contains.

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Color

Yxy(35.8254, 0.3100, 0.2837)

Conversions

Conversions Part 1

Format	Color
Hex	B598BA
RGB	181, 152, 186
RGB Percent	71%, 60%, 73%
CMY	0.2902, 0.4039, 0.2706
CMYK	0.03, 0.18, 0.00, 0.27
HSL	291°, 20%, 66%
HSV	291°, 18%, 73%
XYZ	39.1465, 35.8254, 51.3072
YIQ	164.5470, 6.3700, 16.7220

Conversions

Conversions Part 2

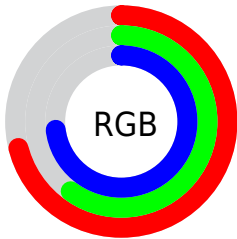
Format	Color
R _Y B	181, 152, 186
Decimal	11901114
CIE Lab	66.39, 16.90, -13.59
CIE LCh	66, 21.683, 321.195
Yxy	35.8254, 0.3100, 0.2837
Android (android.graphics.Color)	4290091194 (0xFFB598BA)
YUV	164.5470, 10.5763, 14.4293
Hunter-Lab	59.8543, 11.9993, -8.9255

Details

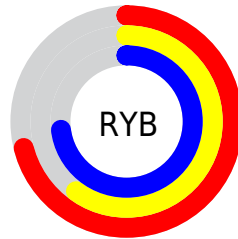
The Yxy color **35.8254, 0.3100, 0.2837** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.5556, 0.3146, 0.3775**, and the grayscale version is **37.3457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5579, 0.3108, 0.2918**, and **15.5900, 0.3086, 0.2705** is the 20% darker color. If you saturate the color by 10%, you get **29.9270, 0.3080, 0.2580**, and if you desaturate by 10%, it is **42.6802, 0.3116, 0.3089**.

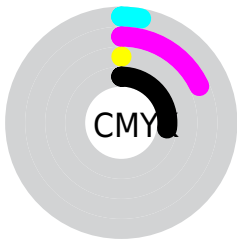
Distribution



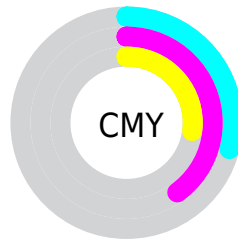
- Red (71%)
- Green (60%)
- Blue (73%)



- Red (71%)
- Yellow (60%)
- Blue (73%)



- Cyan (3%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)




- Cyan (29%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.8254, 0.3100, 0.2837 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 35.8254, 0.3100, 0.2837 by changing the saturation by 10% instead.


 35.8254, 0.3100,
0.2837


 35.8254, 0.3100,
0.2837


328.1968, 0.3117,
0.3066

 24.2994, 0.3095,
0.2779


 68.7625, 0.3107,
0.2921

 15.5558, 0.3087,
0.2705


 90.9423, 0.3110,
0.2952

 9.2104, 0.3075,
0.2605


117.4423, 0.3111,
0.2978

 4.8787, 0.3056,
0.2466

148.6467, 0.3113,
0.3001

 2.1763, 0.3021,
0.2256

184.9399, 0.3114,
0.3020

 0.7070, 0.2956,
0.1885

226.7064, 0.3115,

 0.0000, 0.0590,

0.3037

0.0000

274.3306, 0.3116,
0.3052

0.0000, 0.0000,
0.0000

35.8254, 0.3100,
0.2837

35.8254, 0.3100,
0.2837

29.9270, 0.3080,
0.2580

42.6802, 0.3116,
0.3089

24.9364, 0.3055,
0.2325

50.5280, 0.3129,
0.3331

20.8075, 0.3027,
0.2082

59.4090, 0.3139,
0.3558

17.4886, 0.2995,
0.1861

69.3599, 0.3146,
0.3769

14.9220, 0.2960,
0.1671

80.4155, 0.3150,
0.3962

■ 13.0427, 0.2922,
0.1521

■ 86.9939, 0.3160,
0.4057

■ 11.7745, 0.2884,
0.1414

■ 87.3681, 0.3177,
0.4053

■ 10.9943, 0.2846,
0.1348

■ 87.7491, 0.3194,
0.4049

■ 10.8766, 0.2839,
0.1338

■ 88.1368, 0.3212,
0.4045

Harmonies

Analogous

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



35.8254, 0.2790, 0.2749



35.8254, 0.3100, 0.2837



35.8254, 0.3434, 0.3030

Triad

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



35.8254, 0.3100, 0.2837



35.8254, 0.3696, 0.3782



35.8254, 0.2591, 0.3251

Complementary

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



35.8254, 0.3100, 0.2837



44.5556, 0.3146, 0.3775

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.



35.8254, 0.2814, 0.3568



35.8254, 0.3100, 0.2837



35.8254, 0.3451, 0.3882

Square

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



35.8254, 0.3100, 0.2837



35.8254, 0.3788, 0.3561



35.8254, 0.3126, 0.3807



35.8254, 0.2508, 0.2967

Rectangle

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



35.8254, 0.3100, 0.2837



35.8254, 0.3620, 0.3198



35.8254, 0.3126, 0.3807



35.8254, 0.2652, 0.3358

Sweetspot

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



35.8269, 0.3100, 0.2837



81.7030, 0.3121, 0.3168



34.3708, 0.2834, 0.2875



17.7773, 0.3120, 0.3150



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.



35.8269, 0.3100, 0.2837



60.3622, 0.3092, 0.2732



35.9578, 0.3259, 0.2995



9.0939, 0.3115, 0.3063



7.3427, 0.2844, 0.1341



0.2773, 0.2944, 0.1396

Inverse Universe

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



35.3325, 0.3426, 0.3223



59.3196, 0.3511, 0.3206



44.4719, 0.3015, 0.3605



9.0332, 0.3265, 0.3257



7.0846, 0.6176, 0.3176



0.2566, 0.5580, 0.2848

Previews

White Background



This preview shows how the Yxy color 35.8254, 0.3100, 0.2837 looks on a white background.

Color Contrast Check

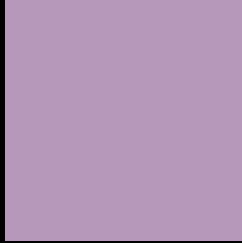
Large Text (above 18pt) WCAG AA × Fail

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 35.8254, 0.3100, 0.2837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

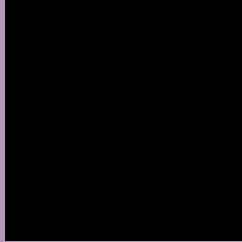
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8254, 0.3100, 0.2837

Background



This preview shows how black text looks on a background with the Yxy color 35.8254, 0.3100, 0.2837.



This preview shows how white text looks on a background with the Yxy color 35.8254, 0.3100, 0.2837.

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

35.8254, 0.3100, 0.2837

Protanopia

35.8718, 0.2823, 0.2854

Deuteranopia

35.7237, 0.2968, 0.2901



Tritanopia

35.6977, 0.3243, 0.3125

Trichromacy



Original Color

35.8254, 0.3100, 0.2837

Protanomaly

35.6806, 0.2916, 0.2847

Deuteranomaly

35.6034, 0.3014, 0.2879

Tritanomaly

35.7509, 0.3189, 0.3017

Monochromacy



Original Color

35.8254, 0.3100, 0.2837

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.8167, 0.3117, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8254, 0.3100, 0.2837 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(181, 152, 186)` looks like.

```
.text, #text, p{  
    color:rgb(181, 152, 186)  
}
```

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(181, 152, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 152, 186) }
```

Border

The CSS property to change the border of an element to Yxy 35.8254, 0.3100, 0.2837 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(181, 152, 186) }
```

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

```
.border{ border-color:rgb(181, 152, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 152, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 152, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 152, 186);  
box-shadow:4px 4px 4px 4px rgb(181, 152,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8254, 0.3100, 0.2837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 152, 186) }
```

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

```
.background{ background-color: rgb(181,  
152, 186) }
```

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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