

Converting Colors

$Y_{xy}(34.1903, 0.2943, 0.2561)$

Have a look what the booklet for
Yxy(34.1903, 0.2943, 0.2561)
contains.

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Color

Yxy(34.3585, 0.2950, 0.2572)

Conversions

Conversions Part 1

Format	Color
Hex	B392C9
RGB	179, 146, 201
RGB Percent	70%, 57%, 79%
CMY	0.2981, 0.4274, 0.2117
CMYK	0.11, 0.27, 0.00, 0.21
HSL	276°, 34%, 68%
HSV	276°, 27%, 79%
XYZ	39.4081, 34.3585, 59.8201
YIQ	162.1370, 2.0130, 24.1010

Conversions

Conversions Part 2

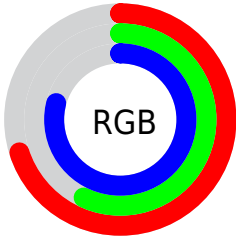
Format	Color
R_{YB}	179, 146, 201
Decimal	11768521
CIE _{Lab}	65.25, 22.64, -23.72
CIE _{LCh}	65, 32.793, 313.657
Yxy	34.3585, 0.2950, 0.2572
Android (android.graphics.Color)	4289958601 (0xFFB392C9)
YUV	162.1370, 19.1595, 14.7889
Hunter-Lab	58.6161, 17.4287, -19.4766

Details

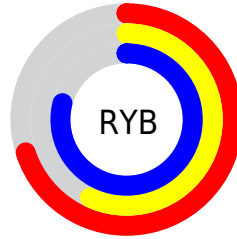
The Yxy color **34.3585, 0.2950, 0.2572** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.1852, 0.3262, 0.4031**, and the grayscale version is **36.1066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1907, 0.3006, 0.2727**, and **14.7266, 0.2888, 0.2368** is the 20% darker color. If you saturate the color by 10%, you get **27.7656, 0.2866, 0.2288**, and if you desaturate by 10%, it is **42.1000, 0.3024, 0.2848**.

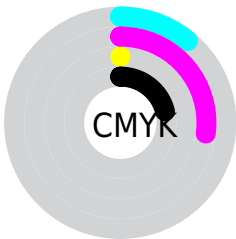
Distribution



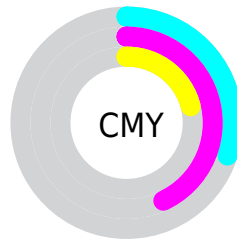
- Red (70%)
- Green (57%)
- Blue (79%)



- Red (70%)
- Yellow (57%)
- Blue (79%)



- Cyan (11%)
- Magenta (27%)
- Yellow (0%)
- Black (21%)





- Cyan (30%)
- Magenta (43%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3585, 0.2950, 0.2572 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 34.3585, 0.2950, 0.2572 by changing the saturation by 10% instead.


 34.3585, 0.2950,
0.2572


 34.3585, 0.2950,
0.2572


321.7276, 0.3048,
0.2929

 23.1691, 0.2922,
0.2484


 66.4908, 0.2988,
0.2701

 14.7185, 0.2885,
0.2372


 88.2025, 0.3002,
0.2750

 8.6220, 0.2833,
0.2224


114.1904, 0.3013,
0.2791

 4.4955, 0.2754,
0.2023

144.8390, 0.3022,
0.2827

 1.9544, 0.2626,
0.1733

180.5327, 0.3030,
0.2858

 0.5808, 0.2407,
0.1234

221.6557, 0.3037,

 0.0000, 0.0459,

0.2884

0.0000

268.5926, 0.3043,
0.2908

■ 0.0000, 0.0000,
0.0000

■ 34.3585, 0.2950,
0.2572

■ 34.3585, 0.2950,
0.2572

■ 27.7656, 0.2866,
0.2288

■ 42.1000, 0.3024,
0.2848

■ 22.2588, 0.2772,
0.2006

■ 51.0395, 0.3087,
0.3109

■ 17.7765, 0.2670,
0.1737

■ 61.2288, 0.3140,
0.3352

■ 14.2487, 0.2563,
0.1493

■ 72.7153, 0.3185,
0.3575

■ 11.5964, 0.2455,
0.1288

■ 85.5439, 0.3222,
0.3778

■ 9.7273, 0.2349,
0.1131

■ 92.1177, 0.3265,
0.3852

■ 8.5135, 0.2250,
0.1024

■ 93.4606, 0.3318,
0.3843

■ 8.2439, 0.2225,
0.0999

■ 94.8657, 0.3371,
0.3834

■ 96.3336, 0.3424,
0.3824

Harmonies

Analogous

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



34.3585, 0.2519, 0.2482



34.3585, 0.2950, 0.2572



34.3585, 0.3467, 0.2818

Triad

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



34.3585, 0.2950, 0.2572



34.3585, 0.4053, 0.3945



34.3585, 0.2385, 0.3341

Complementary

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



34.3585, 0.2950, 0.2572



52.1852, 0.3262, 0.4031

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.



34.3585, 0.2752, 0.3840



34.3585, 0.2950, 0.2572



34.3585, 0.3718, 0.4183

Square

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



34.3585, 0.2950, 0.2572



34.3585, 0.4134, 0.3573



34.3585, 0.3238, 0.4164



34.3585, 0.2215, 0.2876

Rectangle

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



34.3585, 0.2950, 0.2572



34.3585, 0.3785, 0.3046



34.3585, 0.3238, 0.4164



34.3585, 0.2488, 0.3513

Sweetspot

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



34.3599, 0.2950, 0.2572



86.1503, 0.3083, 0.3090



38.6795, 0.2688, 0.2843



17.9161, 0.3073, 0.3051



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.



34.3599, 0.2950, 0.2572



51.7053, 0.2900, 0.2399



36.9861, 0.3201, 0.2668



10.5965, 0.3075, 0.3058



5.2373, 0.2238, 0.1007



0.2893, 0.2440, 0.1118

Inverse Universe

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



35.8101, 0.3481, 0.3008



54.7162, 0.3589, 0.2942



50.1124, 0.3060, 0.4003



10.7062, 0.3228, 0.3198



8.1939, 0.5353, 0.2722



0.4022, 0.4802, 0.2419

Previews

White Background



This preview shows how the Yxy color 34.3585, 0.2950, 0.2572 looks on a white background.

Color Contrast Check

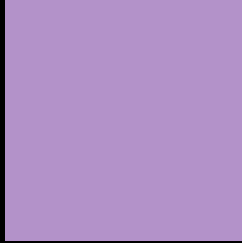
Large Text (above 18pt) WCAG AA × Fail

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 34.3585, 0.2950, 0.2572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

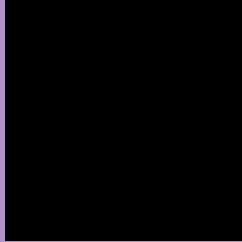
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3585, 0.2950, 0.2572

Background



This preview shows how black text looks on a background with the Yxy color 34.3585, 0.2950, 0.2572.



This preview shows how white text looks on a background with the Yxy color 34.3585, 0.2950, 0.2572.

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

34.3585, 0.2950, 0.2572

Protanopia

34.6467, 0.2600, 0.2569

Deuteranopia

34.3385, 0.2741, 0.2676



Tritanopia

34.3833, 0.3215, 0.3121

Trichromacy



Original Color

34.3585, 0.2950, 0.2572

Protanomaly

34.4068, 0.2720, 0.2569

Deuteranomaly

34.3080, 0.2807, 0.2635

Tritanomaly

34.1410, 0.3116, 0.2905

Monochromacy



Original Color

34.3585, 0.2950, 0.2572

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.2364, 0.3064, 0.3009

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3585, 0.2950, 0.2572 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(179, 146, 201)` looks like.

```
.text, #text, p{  
    color:rgb(179, 146, 201)  
}
```

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(179, 146, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 146, 201) }
```

Border

The CSS property to change the border of an element to Yxy 34.3585, 0.2950, 0.2572 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(179, 146, 201) }
```

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

```
.border{ border-color:rgb(179, 146, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 146, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 146, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 146, 201);  
box-shadow:4px 4px 4px 4px rgb(179, 146,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3585, 0.2950, 0.2572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 146, 201) }
```

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

```
.background{ background-color: rgb(179,  
146, 201) }
```

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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