

Converting Colors

$Y_{xy}(35.0273, 0.2858, 0.2343)$

Have a look what the booklet for
Yxy(35.0273, 0.2858, 0.2343)
contains.

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Color

Yxy(35.1985, 0.2865, 0.2353)

Conversions

Conversions Part 1

Format	Color
Hex	BA8FDB
RGB	186, 143, 219
RGB Percent	73%, 56%, 86%
CMY	0.2705, 0.4392, 0.1413
CMYK	0.15, 0.35, 0.00, 0.14
HSL	274°, 51%, 71%
HSV	274°, 35%, 86%
XYZ	42.8575, 35.1985, 71.5339
YIQ	164.5210, 1.2320, 32.7520

Conversions

Conversions Part 2

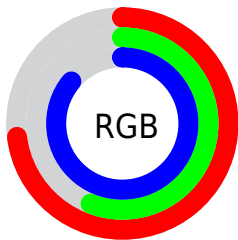
Format	Color
R_{YB}	186, 143, 219
Decimal	12226523
CIE _{Lab}	65.90, 30.38, -32.65
CIE _{LCh}	66, 44.602, 312.937
Yxy	35.1985, 0.2865, 0.2353
Android (android.graphics.Color)	4290416603 (0xFFBA8FDB)
YUV	164.5210, 26.8581, 18.8371
Hunter-Lab	59.3283, 25.1200, -29.9578

Details

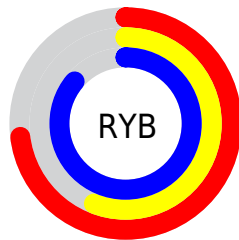
The Yxy color **35.1985, 0.2865, 0.2353** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **61.8582, 0.3313, 0.4254**, and the grayscale version is **37.2557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2072, 0.3065, 0.2707**, and **15.2402, 0.2773, 0.2108** is the 20% darker color. If you saturate the color by 10%, you get **28.1038, 0.2765, 0.2063**, and if you desaturate by 10%, it is **43.6584, 0.2955, 0.2640**.

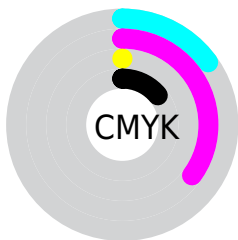
Distribution



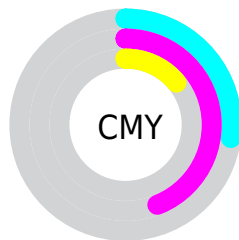
- Red (73%)
- Green (56%)
- Blue (86%)



- Red (73%)
- Yellow (56%)
- Blue (86%)



- Cyan (15%)
- Magenta (35%)
- Yellow (0%)
- Black (14%)





- Cyan (27%)
- Magenta (44%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1985, 0.2865, 0.2353 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 35.1985, 0.2865, 0.2353 by changing the saturation by 10% instead.


 35.1985, 0.2865,
0.2353

 35.1985, 0.2865,
0.2353

325.4436, 0.3010,
0.2807

 23.8158, 0.2825,
0.2245


 67.7932, 0.2921,
0.2514

 15.1971, 0.2772,
0.2110


 89.7739, 0.2941,
0.2576

 8.9578, 0.2698,
0.1938


116.0562, 0.2957,
0.2629

 4.7137, 0.2591,
0.1710

147.0243, 0.2971,
0.2674

 2.0803, 0.2424,
0.1401

183.0628, 0.2983,
0.2714

 0.6535, 0.2147,
0.0949

224.5559, 0.2993,


 0.0000, 0.1318,


0.2749


0.0000


271.8880, 0.3002,
0.2780

 0.0000, 0.0000,
0.0000

 35.1985, 0.2865,
0.2353


 35.1985, 0.2865,
0.2353


 28.1038, 0.2765,
0.2063


 43.6584, 0.2955,
0.2640

 22.2934, 0.2655,
0.1783

 53.5494, 0.3033,
0.2916

 17.6844, 0.2540,
0.1524


 64.9385, 0.3099,
0.3175

 14.1821, 0.2422,
0.1302


 77.8870, 0.3156,
0.3414


 11.6768, 0.2308,
0.1127


 92.4527, 0.3203,
0.3632

 10.0350, 0.2201,
0.1006

 95.6904, 0.3262,
0.3650

 9.3960, 0.2148,
0.0957

 97.4248, 0.3323,
0.3643

 97.8931, 0.3340,
0.3641

Harmonies

Analogous

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



35.1985, 0.2312, 0.2238



35.1985, 0.2865, 0.2353



35.1985, 0.3560, 0.2661

Triad

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



35.1985, 0.2865, 0.2353



35.1985, 0.4362, 0.4114



35.1985, 0.2152, 0.3359

Complementary

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



35.1985, 0.2865, 0.2353



61.8582, 0.3313, 0.4254

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.



35.1985, 0.2627, 0.4066



35.1985, 0.2865, 0.2353



35.1985, 0.3905, 0.4478

Square

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



35.1985, 0.2865, 0.2353



35.1985, 0.4481, 0.3616



35.1985, 0.3268, 0.4504



35.1985, 0.1939, 0.2729

Rectangle

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



35.1985, 0.2865, 0.2353



35.1985, 0.3999, 0.2946



35.1985, 0.3268, 0.4504



35.1985, 0.2284, 0.3601

Sweetspot

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



35.2000, 0.2865, 0.2353



82.7575, 0.3065, 0.3038



42.4725, 0.2565, 0.2732



17.2329, 0.3055, 0.3001



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.



35.2000, 0.2865, 0.2353



41.8559, 0.2789, 0.2131



39.6173, 0.3202, 0.2472



12.9791, 0.3069, 0.3055



5.6388, 0.2163, 0.0965



0.4159, 0.2327, 0.1056

Inverse Universe

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



37.8351, 0.3589, 0.2897



46.3199, 0.3736, 0.2810



58.5894, 0.3056, 0.4273



13.1449, 0.3224, 0.3189



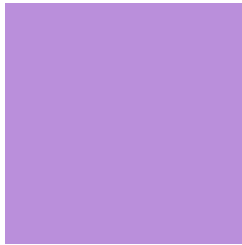
9.4411, 0.5228, 0.2653



0.6287, 0.4818, 0.2428

Previews

White Background



This preview shows how the Yxy color 35.1985, 0.2865, 0.2353 looks on a white background.

Color Contrast Check

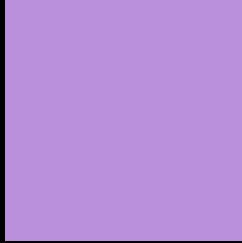
Large Text (above 18pt) WCAG AA × Fail

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 35.1985, 0.2865, 0.2353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

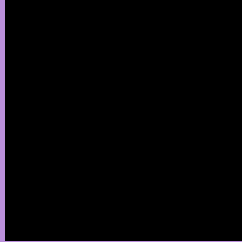
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1985, 0.2865, 0.2353

Background



This preview shows how black text looks on a background with the Yxy color 35.1985, 0.2865, 0.2353.



This preview shows how white text looks on a background with the Yxy color 35.1985, 0.2865, 0.2353.

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

35.1985, 0.2865, 0.2353

Protanopia

35.5416, 0.2416, 0.2323

Deuteranopia

35.4313, 0.2563, 0.2502



Tritanopia

35.2115, 0.3244, 0.3124

Trichromacy



Original Color

35.1985, 0.2865, 0.2353

Protanomaly

35.2971, 0.2559, 0.2330

Deuteranomaly

35.2658, 0.2666, 0.2447

Tritanomaly

35.0188, 0.3100, 0.2821

Monochromacy



Original Color

35.1985, 0.2865, 0.2353

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.5010, 0.3032, 0.2909

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1985, 0.2865, 0.2353 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(186, 143, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 143, 219) }
```

Border

The CSS property to change the border of an element to Yxy 35.1985, 0.2865, 0.2353 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, 219) }
```

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

```
.border{ border-color:rgb(186, 143, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 143, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 143, 219);  
box-shadow:4px 4px 4px 4px rgb(186, 143,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1985, 0.2865, 0.2353 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, 219) }
```

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

```
.background{ background-color: rgb(186,  
143, 219) }
```

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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