

Converting Colors

$Yxy(35.9323, 0.2865, 0.2398)$

Have a look what the booklet for
Yxy(35.9323, 0.2865, 0.2398)
contains.

Yxy(35.9340, 0.2865, 0.2398)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.9340, 0.2865, 0.2398)

Conversions

Conversions Part 1

Format	Color
Hex	B992DA
RGB	185, 146, 218
RGB Percent	73%, 57%, 85%
CMY	0.2746, 0.4274, 0.1452
CMYK	0.15, 0.33, 0.00, 0.15
HSL	272°, 49%, 71%
HSV	272°, 33%, 85%
XYZ	42.9320, 35.9340, 70.9839
YIQ	165.8690, 0.1320, 30.6600

Conversions

Conversions Part 2

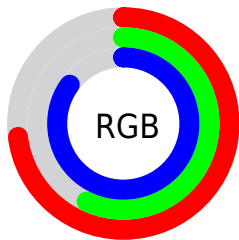
Format	Color
RYB	185, 146, 218
Decimal	12161754
CIELab	66.47, 28.16, -31.23
CIELCh	66, 42.053, 312.043
Yxy	35.9340, 0.2865, 0.2398
Android (android.graphics.Color)	4290351834 (0xFFB992DA)
YUV	165.8690, 25.7006, 16.7779
Hunter-Lab	59.9450, 22.9362, -28.2468

Details

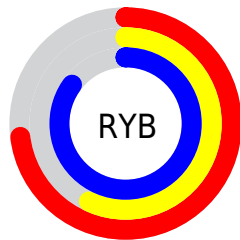
The Yxy color **35.9340, 0.2865, 0.2398** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **61.7923, 0.3319, 0.4198**, and the grayscale version is **37.9399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4058, 0.3057, 0.2736**, and **15.6541, 0.2774, 0.2164** is the 20% darker color. If you saturate the color by 10%, you get **28.6426, 0.2760, 0.2105**, and if you desaturate by 10%, it is **44.5970, 0.2958, 0.2686**.

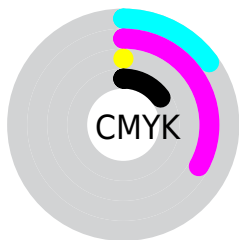
Distribution



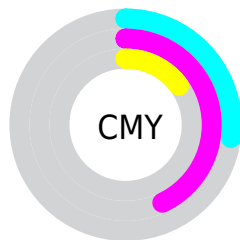
- Red (73%)
- Green (57%)
- Blue (85%)



- Red (73%)
- Yellow (57%)
- Blue (85%)



- Cyan (15%)
- Magenta (33%)
- Yellow (0%)
- Black (15%)




- Cyan (27%)
- Magenta (43%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9340, 0.2865, 0.2398 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 35.9340, 0.2865, 0.2398 by changing the saturation by 10% instead.


 35.9340, 0.2865,
0.2398

 35.9340, 0.2865,
0.2398


328.6720, 0.3009,
0.2831

 24.3832, 0.2826,
0.2295


 68.9302, 0.2920,
0.2552

 15.6181, 0.2774,
0.2165


 91.1444, 0.2940,
0.2611

 9.2544, 0.2702,
0.1999


117.6819, 0.2956,
0.2661

 4.9075, 0.2598,
0.1779

148.9270, 0.2970,
0.2705

 2.1931, 0.2436,
0.1478

185.2642, 0.2982,
0.2742

 0.7162, 0.2164,
0.1043

227.0778, 0.2992,


 0.0000, 0.1367,

0.2776


0.0000


274.7523, 0.3001,
0.2805

 0.0000, 0.0000,
0.0000

 35.9340, 0.2865,
0.2398


 35.9340, 0.2865,
0.2398

 28.6426, 0.2760,
0.2105


 44.5970, 0.2958,
0.2686


 22.6435, 0.2646,
0.1818


 54.6962, 0.3039,
0.2960


 17.8561, 0.2525,
0.1551


 66.2973, 0.3108,
0.3217

 14.1882, 0.2402,
0.1317


 79.4605, 0.3167,
0.3452


 11.5342, 0.2281,
0.1129


 94.2365, 0.3216,
0.3666

 9.7666, 0.2169,
0.0995

 95.9864, 0.3280,
0.3659

 8.9105, 0.2096,
0.0928

 97.8335, 0.3345,
0.3651

 97.8406, 0.3346,
0.3651

Harmonies

Analogous

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



35.9340, 0.2348, 0.2296



35.9340, 0.2865, 0.2398



35.9340, 0.3515, 0.2686

Triad

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



35.9340, 0.2865, 0.2398



35.9340, 0.4298, 0.4061



35.9340, 0.2220, 0.3378

Complementary

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



35.9340, 0.2865, 0.2398



61.7923, 0.3319, 0.4198

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.



35.9340, 0.2677, 0.4030



35.9340, 0.2865, 0.2398



35.9340, 0.3880, 0.4400

Square

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



35.9340, 0.2865, 0.2398



35.9340, 0.4393, 0.3590



35.9340, 0.3284, 0.4426



35.9340, 0.2007, 0.2783

Rectangle

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



35.9340, 0.2865, 0.2398



35.9340, 0.3928, 0.2955



35.9340, 0.3284, 0.4426



35.9340, 0.2348, 0.3603

Sweetspot

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



35.9355, 0.2865, 0.2398



82.6442, 0.3061, 0.3037



43.6548, 0.2596, 0.2781



17.2055, 0.3050, 0.3000



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.



35.9355, 0.2865, 0.2398



43.4424, 0.2789, 0.2183



40.4021, 0.3187, 0.2499



12.9626, 0.3065, 0.3054



5.4045, 0.2110, 0.0936



0.4012, 0.2281, 0.1030

Inverse Universe

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



38.7221, 0.3540, 0.2896



48.2029, 0.3670, 0.2807



58.3935, 0.3067, 0.4234



13.1504, 0.3220, 0.3183



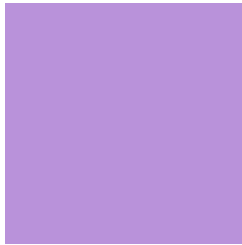
9.5024, 0.5123, 0.2596



0.6329, 0.4731, 0.2380

Previews

White Background



This preview shows how the Yxy color 35.9340, 0.2865, 0.2398 looks on a white background.

Color Contrast Check

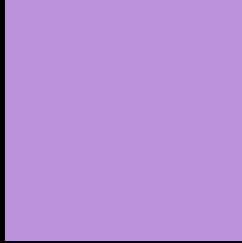
Large Text (above 18pt) WCAG AA × Fail

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 35.9340, 0.2865, 0.2398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

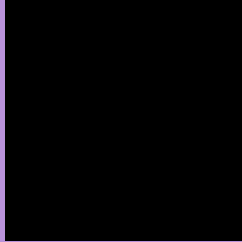
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9340, 0.2865, 0.2398

Background



This preview shows how black text looks on a background with the Yxy color 35.9340, 0.2865, 0.2398.



This preview shows how white text looks on a background with the Yxy color 35.9340, 0.2865, 0.2398.

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

35.9340, 0.2865, 0.2398

Protanopia

35.9732, 0.2455, 0.2373

Deuteranopia

35.9985, 0.2594, 0.2532



Tritanopia

35.9512, 0.3223, 0.3124

Trichromacy



Original Color

35.9340, 0.2865, 0.2398

Protanomaly

35.5609, 0.2588, 0.2377

Deuteranomaly

35.6461, 0.2682, 0.2474

Tritanomaly

35.7049, 0.3090, 0.2836

Monochromacy



Original Color

35.9340, 0.2865, 0.2398

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.1833, 0.3032, 0.2936

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9340, 0.2865, 0.2398 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, 146, 218)` looks like.

```
.text, #text, p{  
    color:rgb(185, 146, 218)  
}
```

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, 146, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 146, 218) }
```

Border

The CSS property to change the border of an element to Yxy 35.9340, 0.2865, 0.2398 is called "border". The border property can be set on classes, ids or directly on the HTML element.

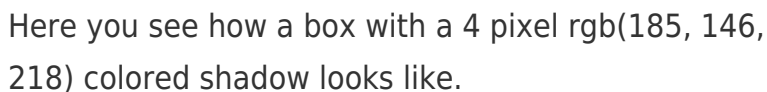
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 146, 218) }
```

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

```
.border{ border-color:rgb(185, 146, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 146, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 146, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 146, 218);  
box-shadow:4px 4px 4px 4px rgb(185, 146,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9340, 0.2865, 0.2398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 146, 218) }
```

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

```
.background{ background-color: rgb(185,  
146, 218) }
```

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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