

Converting Colors

$Yxy(34.9342, 0.3643, 0.2754)$

Have a look what the booklet for
Yxy(34.9342, 0.3643, 0.2754)
contains.

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Color

Yxy(34.9365, 0.3635, 0.2751)

Conversions

Conversions Part 1

Format	Color
Hex	DE83B1
RGB	222, 131, 177
RGB Percent	87%, 51%, 69%
CMY	0.1296, 0.4861, 0.3059
CMYK	0.00, 0.41, 0.20, 0.13
HSL	330°, 58%, 69%
HSV	330°, 41%, 87%
XYZ	46.1629, 34.9365, 45.8962
YIQ	163.4530, 39.4700, 33.5980

Conversions

Conversions Part 2

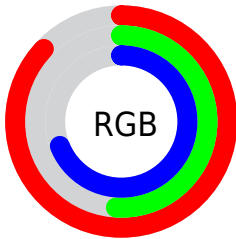
Format	Color
R _Y B	222, 131, 177
Decimal	14582705
CIE Lab	65.70, 40.87, -9.10
CIE LCh	66, 41.875, 347.453
Yxy	34.9365, 0.3635, 0.2751
Android (android.graphics.Color)	4292772785 (0xFFDE83B1)
YUV	163.4530, 6.6787, 51.3457
Hunter-Lab	59.1071, 35.9719, -4.6633

Details

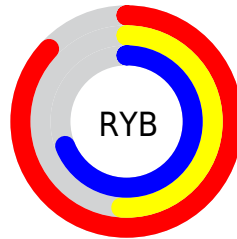
The Yxy color **34.9365, 0.3635, 0.2751** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.1780, 0.2814, 0.3910**, and the grayscale version is **36.8071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2610, 0.3326, 0.2817**, and **15.0465, 0.3797, 0.2603** is the 20% darker color. If you saturate the color by 10%, you get **29.1789, 0.3820, 0.2626**, and if you desaturate by 10%, it is **42.0097, 0.3476, 0.2885**.

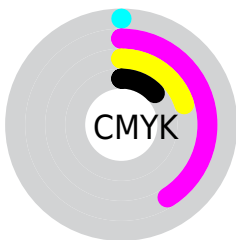
Distribution



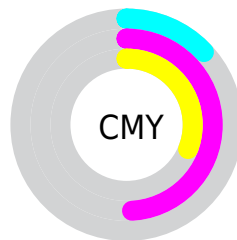
- Red (87%)
- Green (51%)
- Blue (69%)



- Red (87%)
- Yellow (51%)
- Blue (69%)



- Cyan (0%)
- Magenta (41%)
- Yellow (20%)
- Black (13%)





- Cyan (13%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9365, 0.3635, 0.2751 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 34.9365, 0.3635, 0.2751 by changing the saturation by 10% instead.

 34.9365, 0.3635,
0.2751


 34.9365, 0.3635,
0.2751


324.2880, 0.3375,
0.3022

 23.6140, 0.3702,
0.2683


 67.3874, 0.3539,
0.2850

 15.0475, 0.3789,
0.2596


 89.2845, 0.3503,
0.2887

 8.8527, 0.3906,
0.2480


 115.4753, 0.3474,
0.2918

 4.6453, 0.4074,
0.2318

146.3442, 0.3448,
0.2945

 2.0407, 0.4331,
0.2078

182.2755, 0.3426,
0.2968

 0.6309, 0.4800,
0.1640

223.6536, 0.3407,

 0.0000, 0.8226,

0.2988

0.0000

270.8630, 0.3390,
0.3006

■ 0.0000, 0.0000,
0.0000

■ 34.9365, 0.3635,
0.2751

■ 34.9365, 0.3635,
0.2751

■ 29.1789, 0.3820,
0.2626

■ 42.0097, 0.3476,
0.2885

■ 24.6486, 0.4031,
0.2521

■ 50.4692, 0.3341,
0.3021

■ 21.2548, 0.4262,
0.2448


■ 60.3866, 0.3229,
0.3153

■ 18.8912, 0.4506,
0.2419

■ 71.8273, 0.3135,
0.3278


■ 17.4315, 0.4749,
0.2444

■ 84.8524, 0.3058,
0.3396

 16.6950, 0.4962,
0.2507

 93.5034, 0.2994,
0.3413

 94.1861, 0.2935,
0.3301

 94.2614, 0.2928,
0.3289

Harmonies

Analogous

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



34.9365, 0.2976, 0.2434



34.9365, 0.3635, 0.2751



34.9365, 0.4185, 0.3190

Triad

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



34.9365, 0.3635, 0.2751



34.9365, 0.3784, 0.4439



34.9365, 0.1991, 0.2694

Complementary

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



34.9365, 0.3635, 0.2751



60.1780, 0.2814, 0.3910

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.



34.9365, 0.2158, 0.3258



34.9365, 0.3635, 0.2751



34.9365, 0.3170, 0.4391

Square

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



34.9365, 0.3635, 0.2751



34.9365, 0.4248, 0.4140



34.9365, 0.2577, 0.3925



34.9365, 0.2084, 0.2371

Rectangle

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



34.9365, 0.3635, 0.2751



34.9365, 0.4380, 0.3516



34.9365, 0.2577, 0.3925



34.9365, 0.2018, 0.2858

Sweetspot

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



34.9382, 0.3635, 0.2751



81.0698, 0.3240, 0.3138



30.6257, 0.2734, 0.2149



16.9510, 0.3254, 0.3121



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.



34.9382, 0.3635, 0.2751



41.0977, 0.3789, 0.2645



33.4457, 0.4155, 0.3275



13.8156, 0.3213, 0.3172



9.9443, 0.4929, 0.2489



0.7074, 0.4593, 0.2304

Inverse Universe

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



34.9382, 0.3635, 0.2751



41.0977, 0.3789, 0.2645



62.2335, 0.2575, 0.3308



13.8156, 0.3213, 0.3172



9.9443, 0.4929, 0.2489



0.7074, 0.4593, 0.2304

Previews

White Background



This preview shows how the Yxy color 34.9365, 0.3635, 0.2751 looks on a white background.

Color Contrast Check

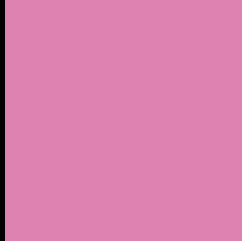
Large Text (above 18pt) WCAG AA × Fail

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 34.9365, 0.3635, 0.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

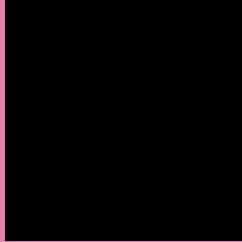
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9365, 0.3635, 0.2751

Background



This preview shows how black text looks on a background with the Yxy color 34.9365, 0.3635, 0.2751.



This preview shows how white text looks on a background with the Yxy color 34.9365, 0.3635, 0.2751.

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

34.9365, 0.3635, 0.2751

Protanopia

35.4118, 0.2767, 0.2784

Deuteranopia

35.0059, 0.3110, 0.3037



Tritanopia

35.0580, 0.3928, 0.3171

Trichromacy



Original Color

34.9365, 0.3635, 0.2751



Protanomaly

34.4728, 0.3045, 0.2765



Deuteranomaly

34.4326, 0.3298, 0.2919



Tritanomaly

35.0122, 0.3819, 0.3015

Monochromacy



Original Color

34.9365, 0.3635, 0.2751



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

35.1507, 0.3299, 0.3060

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9365, 0.3635, 0.2751 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(222, 131, 177)` looks like.

```
.text, #text, p{  
    color:rgb(222, 131, 177)  
}
```

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(222, 131, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 131, 177) }
```

Border

The CSS property to change the border of an element to Yxy 34.9365, 0.3635, 0.2751 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(222, 131, 177) }
```

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

```
.border{ border-color:rgb(222, 131, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 131, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 131, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 131, 177);  
box-shadow:4px 4px 4px 4px rgb(222, 131,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9365, 0.3635, 0.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 131, 177) }
```

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

```
.background{ background-color: rgb(222,  
131, 177) }
```

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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