

Converting Colors

$Y_{xy}(34.9285, 0.3629, 0.2651)$

Have a look what the booklet for
Yxy(34.9285, 0.3629, 0.2651)
contains.

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Color

Yxy(34.9285, 0.3629, 0.2651)

Conversions

Conversions Part 1

Format	Color
Hex	E37FB7
RGB	227, 127, 183
RGB Percent	89%, 50%, 72%
CMY	0.1098, 0.5019, 0.2824
CMYK	0.00, 0.44, 0.19, 0.11
HSL	326°, 64%, 69%
HSV	326°, 44%, 89%
XYZ	47.8142, 34.9285, 49.0132
YIQ	163.2840, 41.6240, 38.6160

Conversions

Conversions Part 2

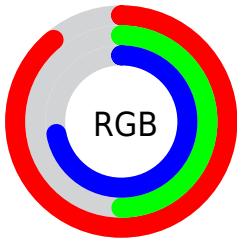
Format	Color
R _Y B	227, 127, 183
Decimal	14909367
CIE Lab	65.69, 45.53, -12.43
CIE LCh	66, 47.199, 344.733
Yxy	34.9285, 0.3629, 0.2651
Android (android.graphics.Color)	4293099447 (0xFFE37FB7)
YUV	163.2840, 9.7200, 55.8789
Hunter-Lab	59.1003, 40.9871, -7.8003

Details

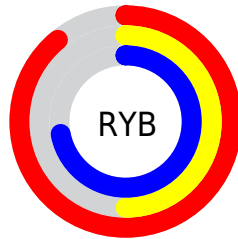
The Yxy color **34.9285, 0.3629, 0.2651** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **62.3931, 0.2825, 0.4045**, and the grayscale version is **36.7064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9479, 0.3283, 0.2720**, and **15.0553, 0.3785, 0.2471** is the 20% darker color. If you saturate the color by 10%, you get **29.3107, 0.3798, 0.2519**, and if you desaturate by 10%, it is **41.9000, 0.3481, 0.2796**.

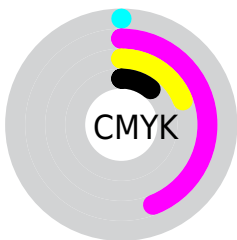
Distribution



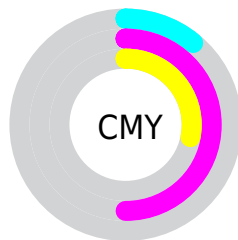
- Red (89%)
- Green (50%)
- Blue (72%)



- Red (89%)
- Yellow (50%)
- Blue (72%)



- Cyan (0%)
- Magenta (44%)
- Yellow (19%)
- Black (11%)



- Cyan (11%)
- Magenta (50%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.9285, 0.3629, 0.2651 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 34.9285, 0.3629, 0.2651 by changing the saturation by 10% instead.


 34.9285, 0.3629,
0.2651


 34.9285, 0.3629,
0.2651


324.2526, 0.3375,
0.2968

 23.6078, 0.3693,
0.2573


 67.3750, 0.3536,
0.2766

 15.0429, 0.3776,
0.2473


 89.2696, 0.3501,
0.2809

 8.8495, 0.3887,
0.2341


 115.4576, 0.3472,
0.2846

 4.6432, 0.4043,
0.2161

146.3234, 0.3447,
0.2877

 2.0395, 0.4278,
0.1899

182.2514, 0.3425,
0.2905

 0.6302, 0.4690,
0.1446

223.6260, 0.3406,

 0.0000, 0.6531,

0.2928

0.0000

270.8316, 0.3390,
0.2950

0.0000, 0.0000,
0.0000

34.9285, 0.3629,
0.2651

34.9285, 0.3629,
0.2651

29.3107, 0.3798,
0.2519

41.9000, 0.3481,
0.2796

24.9511, 0.3987,
0.2410

50.3021, 0.3355,
0.2946

21.7498, 0.4191,
0.2338


60.2120, 0.3248,
0.3093


19.5892, 0.4402,
0.2313


71.6999, 0.3159,
0.3235


18.3263, 0.4610,
0.2343

84.8313, 0.3085,
0.3368

 17.8656, 0.4731,
0.2380

 94.3187, 0.3024,
0.3412

 94.9388, 0.2969,
0.3310

 95.0712, 0.2958,
0.3290

Harmonies

Analogous

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



34.9285, 0.2889, 0.2319



34.9285, 0.3629, 0.2651



34.9285, 0.4277, 0.3121

Triad

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



34.9285, 0.3629, 0.2651



34.9285, 0.3906, 0.4560



34.9285, 0.1873, 0.2660

Complementary

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



34.9285, 0.3629, 0.2651



62.3931, 0.2825, 0.4045

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.



34.9285, 0.2076, 0.3313



34.9285, 0.3629, 0.2651



34.9285, 0.3227, 0.4571

Square

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



34.9285, 0.3629, 0.2651



34.9285, 0.4409, 0.4180



34.9285, 0.2558, 0.4077



34.9285, 0.1950, 0.2285

Rectangle

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



34.9285, 0.3629, 0.2651



34.9285, 0.4520, 0.3476



34.9285, 0.2558, 0.4077



34.9285, 0.1909, 0.2850

Sweetspot

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



34.9302, 0.3629, 0.2651



79.7384, 0.3239, 0.3107



29.3106, 0.2651, 0.2039



16.4072, 0.3260, 0.3075



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.



34.9302, 0.3629, 0.2651



38.6201, 0.3786, 0.2527



33.2240, 0.4215, 0.3215



14.5024, 0.3205, 0.3159



10.4429, 0.4702, 0.2364



0.7903, 0.4424, 0.2211

Inverse Universe

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



34.9302, 0.3629, 0.2651



38.6201, 0.3786, 0.2527



64.6370, 0.2566, 0.3373



14.5024, 0.3205, 0.3159



10.4429, 0.4702, 0.2364



0.7903, 0.4424, 0.2211

Previews

White Background



This preview shows how the Yxy color 34.9285, 0.3629, 0.2651 looks on a white background.

Color Contrast Check

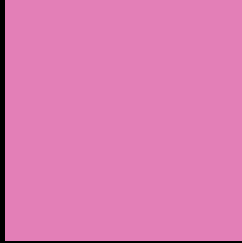
Large Text (above 18pt) WCAG AA × Fail

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 34.9285, 0.3629, 0.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

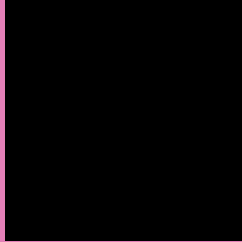
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9285, 0.3629, 0.2651

Background



This preview shows how black text looks on a background with the Yxy color 34.9285, 0.3629, 0.2651.



This preview shows how white text looks on a background with the Yxy color 34.9285, 0.3629, 0.2651.

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

34.9285, 0.3629, 0.2651

Protanopia

35.1093, 0.2667, 0.2650

Deuteranopia

35.2068, 0.3037, 0.2981



Tritanopia

35.0603, 0.4001, 0.3173

Trichromacy



Original Color

34.9285, 0.3629, 0.2651



Protanomaly

34.2001, 0.2975, 0.2640



Deuteranomaly

34.3649, 0.3240, 0.2829



Tritanomaly

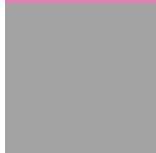
34.8530, 0.3859, 0.2973

Monochromacy



Original Color

34.9285, 0.3629, 0.2651



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

35.1541, 0.3301, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9285, 0.3629, 0.2651 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(227, 127, 183)` looks like.

```
.text, #text, p{  
    color:rgb(227, 127, 183)  
}
```

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(227, 127, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 127, 183) }
```

Border

The CSS property to change the border of an element to Yxy 34.9285, 0.3629, 0.2651 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(227, 127, 183) }
```

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

```
.border{ border-color:rgb(227, 127, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 127, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 127, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 127, 183);  
box-shadow:4px 4px 4px 4px rgb(227, 127,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9285, 0.3629, 0.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 127, 183) }
```

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

```
.background{ background-color: rgb(227,  
127, 183) }
```

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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