

Converting Colors

$Y_{xy}(39.0805, 0.3641, 0.2838)$

Have a look what the booklet for
Yxy(39.0805, 0.3641, 0.2838)
contains.

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Color

Yxy(39.0440, 0.3641, 0.2833)

Conversions

Conversions Part 1

Format	Color
Hex	E58DB5
RGB	229, 141, 181
RGB Percent	90%, 55%, 71%
CMY	0.1019, 0.4471, 0.2903
CMYK	0.00, 0.38, 0.21, 0.10
HSL	333°, 63%, 73%
HSV	333°, 38%, 90%
XYZ	50.1797, 39.0440, 48.5948
YIQ	171.8720, 39.6080, 31.0960

Conversions

Conversions Part 2

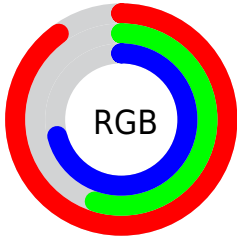
Format	Color
R _Y B	229, 141, 181
Decimal	15044021
CIE Lab	68.78, 38.67, -6.66
CIE LCh	69, 39.236, 350.222
Yxy	39.0440, 0.3641, 0.2833
Android (android.graphics.Color)	4293234101 (0xFFE58DB5)
YUV	171.8720, 4.5001, 50.1013
Hunter-Lab	62.4852, 33.9982, -2.3703

Details

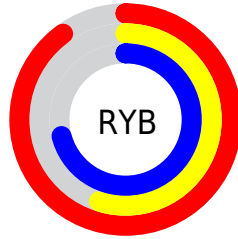
The Yxy color **39.0440, 0.3641, 0.2833** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.3851, 0.2805, 0.3805**, and the grayscale version is **41.1493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8543, 0.3286, 0.2880**, and **17.4739, 0.3798, 0.2711** is the 20% darker color. If you saturate the color by 10%, you get **32.4858, 0.3842, 0.2718**, and if you desaturate by 10%, it is **47.0482, 0.3471, 0.2955**.

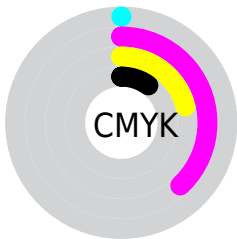
Distribution



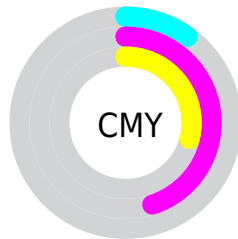
- Red (90%)
- Green (55%)
- Blue (71%)



- Red (90%)
- Yellow (55%)
- Blue (71%)



- Cyan (0%)
- Magenta (38%)
- Yellow (21%)
- Black (10%)



- Cyan (10%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0440, 0.3641, 0.2833 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 39.0440, 0.3641, 0.2833 by changing the saturation by 10% instead.


 39.0440, 0.3641,
0.2833


 39.0440, 0.3641,
0.2833


342.0775, 0.3381,
0.3061


 26.7940, 0.3707,
0.2776


 73.7055, 0.3546,
0.2916

 17.4185, 0.3793,
0.2704


 96.8858, 0.3510,
0.2947

 10.5333, 0.3907,
0.2608


 124.4783, 0.3480,
0.2973

 5.7540, 0.4069,
0.2476

156.8674, 0.3454,
0.2995

 2.6961, 0.4314,
0.2280

194.4374, 0.3432,
0.3015

 0.9752, 0.4724,
0.1967

237.5729, 0.3413,


 0.0000, 0.7188,


0.3032


0.0000


286.6581, 0.3396,
0.3047


 0.0000, 0.0000,
0.0000


 39.0440, 0.3641,
0.2833


 39.0440, 0.3641,
0.2833


 32.4858, 0.3842,
0.2718


 47.0482, 0.3471,
0.2955


 27.2802, 0.4072,
0.2619

 56.5732, 0.3328,
0.3077


 23.3313, 0.4330,
0.2548

 67.6953, 0.3210,
0.3196

 20.5284, 0.4604,
0.2519

 80.4842, 0.3113,
0.3307

 18.7407, 0.4881,
0.2541

 94.6801, 0.3033,
0.3406

■ 17.7785, 0.5144,
0.2616

■ 95.4003, 0.2970,
0.3290

■ 17.6602, 0.5185,
0.2630

Harmonies

Analogous

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



39.0440, 0.3047, 0.2527



39.0440, 0.3641, 0.2833



39.0440, 0.4115, 0.3246

Triad

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



39.0440, 0.3641, 0.2833



39.0440, 0.3682, 0.4339



39.0440, 0.2087, 0.2718

Complementary

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



39.0440, 0.3641, 0.2833



65.3851, 0.2805, 0.3805

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.



39.0440, 0.2221, 0.3213



39.0440, 0.3641, 0.2833



39.0440, 0.3120, 0.4250

Square

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



39.0440, 0.3641, 0.2833



39.0440, 0.4118, 0.4104



39.0440, 0.2588, 0.3808



39.0440, 0.2193, 0.2438

Rectangle

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



39.0440, 0.3641, 0.2833



39.0440, 0.4271, 0.3547



39.0440, 0.2588, 0.3808



39.0440, 0.2105, 0.2862

Sweetspot

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



39.0458, 0.3641, 0.2833



80.9772, 0.3251, 0.3153



35.3921, 0.2802, 0.2234



16.9292, 0.3266, 0.3138



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.



39.0458, 0.3641, 0.2833



43.1116, 0.3796, 0.2742



38.5104, 0.4068, 0.3327



14.4763, 0.3221, 0.3184



10.1194, 0.5147, 0.2609



0.7663, 0.4792, 0.2414

Inverse Universe

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



39.0458, 0.3641, 0.2833



43.1116, 0.3796, 0.2742



65.7572, 0.2589, 0.3252



14.4763, 0.3221, 0.3184



10.1194, 0.5147, 0.2609



0.7663, 0.4792, 0.2414

Previews

White Background



This preview shows how the Yxy color 39.0440, 0.3641, 0.2833 looks on a white background.

Color Contrast Check

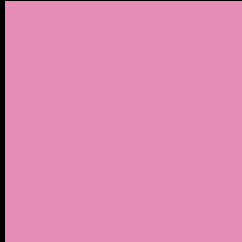
Large Text (above 18pt) WCAG AA × Fail

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 39.0440, 0.3641, 0.2833 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 39.0440, 0.3641, 0.2833

Background



This preview shows how black text looks on a background with the Yxy color 39.0440, 0.3641, 0.2833.



This preview shows how white text looks on a background with the Yxy color 39.0440, 0.3641, 0.2833.

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

39.0440, 0.3641, 0.2833

Protanopia

39.3500, 0.2842, 0.2882

Deuteranopia

39.1925, 0.3173, 0.3102



Tritanopia

38.8198, 0.3869, 0.3162

Trichromacy



Original Color

39.0440, 0.3641, 0.2833



Protanomaly

38.6544, 0.3100, 0.2862



Deuteranomaly

38.6628, 0.3336, 0.2997



Tritanomaly

38.9940, 0.3784, 0.3046

Monochromacy



Original Color

39.0440, 0.3641, 0.2833



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

39.9223, 0.3307, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0440, 0.3641, 0.2833 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(229, 141, 181)` looks like.

```
.text, #text, p{  
    color:rgb(229, 141, 181)  
}
```

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(229, 141, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 141, 181) }
```

Border

The CSS property to change the border of an element to Yxy 39.0440, 0.3641, 0.2833 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(229, 141, 181) }
```

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

```
.border{ border-color:rgb(229, 141, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 141, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 141, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 141, 181); box-shadow:4px 4px 4px 4px rgb(229, 141, 181) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 39.0440, 0.3641, 0.2833$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 141, 181) }
```

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

```
.background{ background-color: rgb(229,  
141, 181) }
```

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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