

Converting Colors

$Y_{xy}(39.1424, 0.3772, 0.2942)$

Have a look what the booklet for
Yxy(39.1424, 0.3772, 0.2942)
contains.

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Color

Yxy(39.1841, 0.3767, 0.2938)

Conversions

Conversions Part 1

Format	Color
Hex	E88DAC
RGB	232, 141, 172
RGB Percent	91%, 55%, 67%
CMY	0.0904, 0.4469, 0.3255
CMYK	0.00, 0.39, 0.26, 0.09
HSL	340°, 66%, 73%
HSV	340°, 39%, 91%
XYZ	50.2405, 39.1841, 43.9454
YIQ	171.7430, 44.2850, 28.9330

Conversions

Conversions Part 2

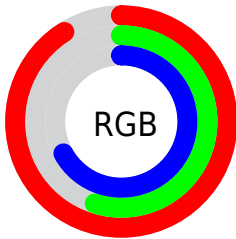
Format	Color
R _Y B	232, 141, 172
Decimal	15240620
CIE Lab	68.88, 38.39, -1.45
CIE LCh	69, 38.420, 357.837
Yxy	39.1841, 0.3767, 0.2938
Android (android.graphics.Color)	4293430700 (0xFFE88DAC)
YUV	171.7430, 0.1267, 52.8454
Hunter-Lab	62.5972, 33.7189, 2.1944

Details

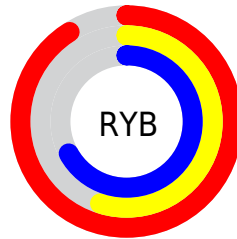
The Yxy color **39.1841, 0.3767, 0.2938** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.5728, 0.2744, 0.3681**, and the grayscale version is **41.1028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2859, 0.3362, 0.2977**, and **17.4995, 0.3953, 0.2833** is the 20% darker color. If you saturate the color by 10%, you get **32.4910, 0.4020, 0.2853**, and if you desaturate by 10%, it is **47.3811, 0.3555, 0.3030**.

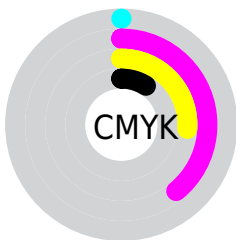
Distribution



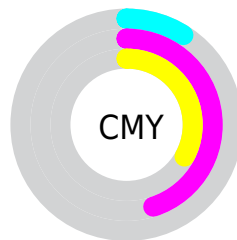
- Red (91%)
- Green (55%)
- Blue (67%)



- Red (91%)
- Yellow (55%)
- Blue (67%)



- Cyan (0%)
- Magenta (39%)
- Yellow (26%)
- Black (9%)





- Cyan (9%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1841, 0.3767, 0.2938 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 39.1841, 0.3767, 0.2938 by changing the saturation by 10% instead.

 39.1841, 0.3767,
0.2938


 39.1841, 0.3767,
0.2938


342.6726, 0.3439,
0.3117


 26.9030, 0.3851,
0.2892


 73.9195, 0.3646,
0.3004

 17.5004, 0.3961,
0.2833


 97.1425, 0.3601,
0.3028

 10.5919, 0.4109,
0.2753


 124.7817, 0.3563,
0.3049

 5.7931, 0.4320,
0.2640

157.2213, 0.3531,
0.3067

 2.7197, 0.4643,
0.2469

194.8458, 0.3503,
0.3082

 0.9872, 0.5193,
0.2182

238.0396, 0.3479,


 0.0000, 1.0000,


0.3095


0.0000


287.1870, 0.3458,
0.3107


 0.0000, 0.0000,
0.0000


 39.1841, 0.3767,
0.2938


 39.1841, 0.3767,
0.2938


 32.4910, 0.4020,
0.2853


 47.3811, 0.3555,
0.3030


 27.2036, 0.4313,
0.2783


 57.1609, 0.3379,
0.3123

 23.2213, 0.4641,
0.2741

 68.6035, 0.3236,
0.3212

 20.4269, 0.4986,
0.2739

 81.7819, 0.3119,
0.3297

 18.6824, 0.5324,
0.2786

 95.4762, 0.3023,
0.3355

■ 17.7720, 0.5626,
0.2878

■ 95.8892, 0.2987,
0.3290

■ 17.7139, 0.5649,
0.2886

Harmonies

Analogous

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



39.1841, 0.3196, 0.2605



39.1841, 0.3767, 0.2938



39.1841, 0.4169, 0.3360

Triad

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



39.1841, 0.3767, 0.2938



39.1841, 0.3538, 0.4328



39.1841, 0.2112, 0.2640

Complementary

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



39.1841, 0.3767, 0.2938



67.5728, 0.2744, 0.3681

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.



39.1841, 0.2183, 0.3077



39.1841, 0.3767, 0.2938



39.1841, 0.2980, 0.4146

Square

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



39.1841, 0.3767, 0.2938



39.1841, 0.4009, 0.4169



39.1841, 0.2489, 0.3652



39.1841, 0.2274, 0.2422

Rectangle

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



39.1841, 0.3767, 0.2938



39.1841, 0.4263, 0.3657



39.1841, 0.2489, 0.3652



39.1841, 0.2109, 0.2763

Sweetspot

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



39.1860, 0.3767, 0.2938



80.7745, 0.3274, 0.3187



37.1800, 0.2887, 0.2239



16.8817, 0.3292, 0.3176



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.



39.1860, 0.3767, 0.2938



41.7634, 0.3967, 0.2868



42.4056, 0.4047, 0.3450



14.4486, 0.3239, 0.3210



9.8590, 0.5607, 0.2862



0.7455, 0.5198, 0.2637

Inverse Universe

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



39.1860, 0.3767, 0.2938



41.7634, 0.3967, 0.2868



61.7986, 0.2560, 0.3120



14.4486, 0.3239, 0.3210



9.8590, 0.5607, 0.2862



0.7455, 0.5198, 0.2637

Previews

White Background



This preview shows how the Yxy color 39.1841, 0.3767, 0.2938 looks on a white background.

Color Contrast Check

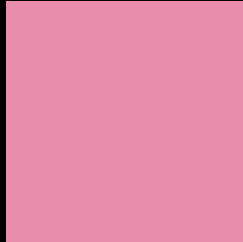
Large Text (above 18pt) WCAG AA × Fail

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 39.1841, 0.3767, 0.2938 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 39.1841, 0.3767, 0.2938

Background



This preview shows how black text looks on a background with the Yxy color 39.1841, 0.3767, 0.2938.



This preview shows how white text looks on a background with the Yxy color 39.1841, 0.3767, 0.2938.

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

39.1841, 0.3767, 0.2938

Protanopia

39.3753, 0.2945, 0.3003

Deuteranopia

39.3358, 0.3292, 0.3223



Tritanopia

39.1361, 0.3924, 0.3165

Trichromacy



Original Color

39.1841, 0.3767, 0.2938



Protanomaly

38.7783, 0.3218, 0.2978



Deuteranomaly

38.8638, 0.3463, 0.3113



Tritanomaly

39.2071, 0.3871, 0.3085

Monochromacy



Original Color

39.1841, 0.3767, 0.2938



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

39.9376, 0.3345, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1841, 0.3767, 0.2938 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(232, 141, 172)` looks like.

```
.text, #text, p{  
    color:rgb(232, 141, 172)  
}
```

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(232, 141, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 141, 172) }
```

Border

The CSS property to change the border of an element to Yxy 39.1841, 0.3767, 0.2938 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(232, 141, 172) }
```

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

```
.border{ border-color:rgb(232, 141, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 141, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 141, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 141, 172); box-shadow:4px 4px 4px 4px rgb(232, 141, 172) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 39.1841, 0.3767, 0.2938$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 141, 172) }
```

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

```
.background{ background-color: rgb(232,  
141, 172) }
```

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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