

Converting Colors

$Y_{xy}(38.8290, 0.3573, 0.2847)$

Have a look what the booklet for
Yxy(38.8290, 0.3573, 0.2847)
contains.

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Color

Yxy(38.6691, 0.3576, 0.2846)

Conversions

Conversions Part 1

Format	Color
Hex	DF8FB5
RGB	223, 143, 181
RGB Percent	87%, 56%, 71%
CMY	0.1256, 0.4391, 0.2902
CMYK	0.00, 0.36, 0.19, 0.13
HSL	332°, 56%, 72%
HSV	332°, 36%, 87%
XYZ	48.5877, 38.6691, 48.6149
YIQ	171.2520, 35.4820, 28.7780

Conversions

Conversions Part 2

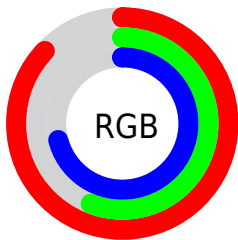
Format	Color
RYB	223, 143, 181
Decimal	14651317
CIELab	68.51, 35.52, -7.15
CIElCh	69, 36.233, 348.613
Yxy	38.6691, 0.3576, 0.2846
Android (android.graphics.Color)	4292841397 (0xFFDF8FB5)
YUV	171.2520, 4.8058, 45.3830
Hunter-Lab	62.1845, 30.6478, -2.8229

Details

The Yxy color **38.6691, 0.3576, 0.2846** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.1060, 0.2833, 0.3787**, and the grayscale version is **40.8211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7626, 0.3284, 0.2900**, and **17.1477, 0.3708, 0.2721** is the 20% darker color. If you saturate the color by 10%, you get **32.1668, 0.3760, 0.2723**, and if you desaturate by 10%, it is **46.5459, 0.3420, 0.2974**.

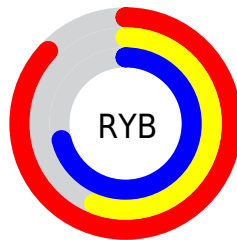
Distribution



Red (87%)

Green (56%)

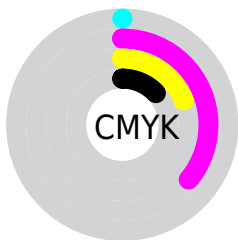
Blue (71%)



Red (87%)

Yellow (56%)

Blue (71%)

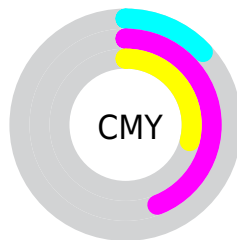


Cyan (0%)

Magenta (36%)

Yellow (19%)

Black (13%)



Cyan (13%)


Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.6691, 0.3576, 0.2846 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 38.6691, 0.3576, 0.2846 by changing the saturation by 10% instead.


 38.6691, 0.3576,
0.2846


 38.6691, 0.3576,
0.2846


340.4816, 0.3348,
0.3068

 26.5024, 0.3634,
0.2791


 73.1325, 0.3493,
0.2926

 17.1999, 0.3708,
0.2720


 96.1981, 0.3461,
0.2957

 10.3771, 0.3809,
0.2627


123.6654, 0.3435,
0.2982

 5.6497, 0.3951,
0.2497

155.9188, 0.3413,
0.3004

 2.6333, 0.4166,
0.2305

193.3427, 0.3393,
0.3023

 0.9434, 0.4528,
0.1997

236.3215, 0.3377,

 0.0000, 0.6890,

0.3040

0.0000

285.2397, 0.3362,
0.3054

■ 0.0000, 0.0000,
0.0000

■ 38.6691, 0.3576,
0.2846

■ 38.6691, 0.3576,
0.2846

■ 32.1668, 0.3760,
0.2723

■ 46.5459, 0.3420,
0.2974

■ 26.9532, 0.3973,
0.2614

■ 55.8655, 0.3290,
0.3101

■ 22.9418, 0.4211,
0.2530

■ 66.6979, 0.3182,
0.3222

■ 20.0323, 0.4469,
0.2483

■ 79.1073, 0.3092,
0.3336

■ 18.1084, 0.4734,
0.2487

■ 93.1537, 0.3019,
0.3443

■ 17.0265, 0.4989,
0.2545

■ 94.1840, 0.2955,
0.3327

■ 16.7224, 0.5093,
0.2579

■ 94.4239, 0.2934,
0.3289

Harmonies

Analogous

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



38.6691, 0.3026, 0.2565



38.6691, 0.3576, 0.2846



38.6691, 0.4024, 0.3231

Triad

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



38.6691, 0.3576, 0.2846



38.6691, 0.3673, 0.4257



38.6691, 0.2156, 0.2782

Complementary

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



38.6691, 0.3576, 0.2846



62.1060, 0.2833, 0.3787

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.



38.6691, 0.2296, 0.3252



38.6691, 0.3576, 0.2846



38.6691, 0.3153, 0.4187

Square

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



38.6691, 0.3576, 0.2846



38.6691, 0.4065, 0.4035



38.6691, 0.2652, 0.3795



38.6691, 0.2244, 0.2506

Rectangle

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



38.6691, 0.3576, 0.2846



38.6691, 0.4180, 0.3513



38.6691, 0.2652, 0.3795



38.6691, 0.2178, 0.2920

Sweetspot

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



38.6709, 0.3576, 0.2846



82.4783, 0.3235, 0.3159



35.2086, 0.2818, 0.2308



17.2301, 0.3250, 0.3143



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.



38.6709, 0.3576, 0.2846



45.6687, 0.3711, 0.2753



37.7214, 0.3983, 0.3308



13.8084, 0.3218, 0.3179



9.8576, 0.5058, 0.2560



0.7013, 0.4698, 0.2362

Inverse Universe

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



38.6709, 0.3576, 0.2846



45.6687, 0.3711, 0.2753



63.2203, 0.2623, 0.3272



13.8084, 0.3218, 0.3179



9.8576, 0.5058, 0.2560



0.7013, 0.4698, 0.2362

Previews

White Background



This preview shows how the Yxy color 38.6691, 0.3576, 0.2846 looks on a white background.

Color Contrast Check

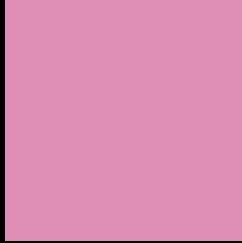
Large Text (above 18pt) WCAG AA × Fail

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 38.6691, 0.3576, 0.2846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

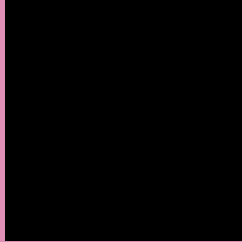
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6691, 0.3576, 0.2846

Background



This preview shows how black text looks on a background with the Yxy color 38.6691, 0.3576, 0.2846.



This preview shows how white text looks on a background with the Yxy color 38.6691, 0.3576, 0.2846.

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

38.6691, 0.3576, 0.2846

Protanopia

38.9393, 0.2849, 0.2881

Deuteranopia

38.9524, 0.3155, 0.3101



Tritanopia

38.5517, 0.3779, 0.3159

Trichromacy



Original Color

38.6691, 0.3576, 0.2846

Protanomaly

38.4057, 0.3082, 0.2859

Deuteranomaly

38.5934, 0.3306, 0.3007

Tritanomaly

38.6831, 0.3707, 0.3052

Monochromacy



Original Color

38.6691, 0.3576, 0.2846

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.5320, 0.3279, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6691, 0.3576, 0.2846 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(223, 143, 181)` looks like.

```
.text, #text, p{  
    color:rgb(223, 143, 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(223, 143, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 143, 181) }
```

Border

The CSS property to change the border of an element to Yxy 38.6691, 0.3576, 0.2846 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(223, 143, 181) }
```

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

```
.border{ border-color:rgb(223, 143, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 143, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 143, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 143, 181);  
box-shadow:4px 4px 4px 4px rgb(223, 143,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6691, 0.3576, 0.2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 143, 181) }
```

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

```
.background{ background-color: rgb(223,  
143, 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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