

Converting Colors

$Yxy(38.0926, 0.3638, 0.2915)$

Have a look what the booklet for
Yxy(38.0926, 0.3638, 0.2915)
contains.

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Color

Yxy(38.2305, 0.3640, 0.2924)

Conversions

Conversions Part 1

Format	Color
Hex	DE8FAE
RGB	222, 143, 174
RGB Percent	87%, 56%, 68%
CMY	0.1293, 0.4392, 0.3176
CMYK	0.00, 0.36, 0.22, 0.13
HSL	336°, 55%, 72%
HSV	336°, 36%, 87%
XYZ	47.5920, 38.2305, 44.9248
YIQ	170.1550, 37.1330, 26.3890

Conversions

Conversions Part 2

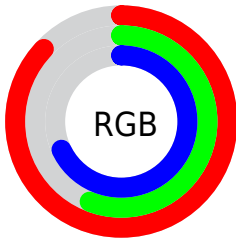
Format	Color
R _Y B	222, 143, 174
Decimal	14585774
CIE Lab	68.19, 34.15, -3.74
CIE LCh	68, 34.356, 353.756
Yxy	38.2305, 0.3640, 0.2924
Android (android.graphics.Color)	4292775854 (0xFFDE8FAE)
YUV	170.1550, 1.8956, 45.4681
Hunter-Lab	61.8308, 29.1899, 0.2029

Details

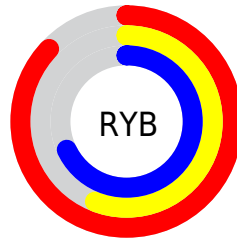
The Yxy color **38.2305, 0.3640, 0.2924** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.8523, 0.2798, 0.3693**, and the grayscale version is **40.2576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3053, 0.3344, 0.2978**, and **16.8866, 0.3787, 0.2808** is the 20% darker color. If you saturate the color by 10%, you get **31.7135, 0.3856, 0.2822**, and if you desaturate by 10%, it is **46.1229, 0.3459, 0.3031**.

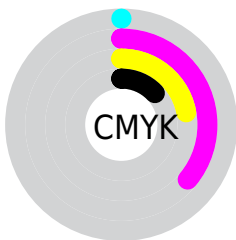
Distribution



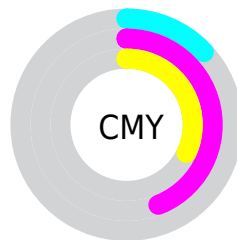
- Red (87%)
- Green (56%)
- Blue (68%)



- Red (87%)
- Yellow (56%)
- Blue (68%)



- Cyan (0%)
- Magenta (36%)
- Yellow (22%)
- Black (13%)





- Cyan (13%)
- Magenta (44%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2305, 0.3640, 0.2924 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 38.2305, 0.3640, 0.2924 by changing the saturation by 10% instead.


 38.2305, 0.3640,
0.2924


 38.2305, 0.3640,
0.2924


338.6077, 0.3377,
0.3109

 26.1616, 0.3708,
0.2877


 72.4613, 0.3543,
0.2992

 16.9446, 0.3796,
0.2816


 95.3920, 0.3507,
0.3017

 10.1950, 0.3915,
0.2735


122.7121, 0.3477,
0.3039

 5.5284, 0.4085,
0.2621

154.8061, 0.3451,
0.3057

 2.5605, 0.4348,
0.2448

192.0582, 0.3429,
0.3073

 0.9069, 0.4801,
0.2159

234.8529, 0.3409,

 0.0000, 0.9372,

0.3086

0.0000

283.5746, 0.3392,
0.3099

■ 0.0000, 0.0000,
0.0000

■ 38.2305, 0.3640,
0.2924

■ 38.2305, 0.3640,
0.2924

■ 31.7135, 0.3856,
0.2822

■ 46.1229, 0.3459,
0.3031

■ 26.4868, 0.4108,
0.2732

■ 55.4586, 0.3309,
0.3136

■ 22.4641, 0.4393,
0.2666


■ 66.3074, 0.3186,
0.3236


■ 19.5462, 0.4702,
0.2637

■ 78.7330, 0.3085,
0.3331

■ 17.6176, 0.5016,
0.2656

■ 92.7954, 0.3002,
0.3418

 16.5370, 0.5314,
0.2728

 94.2679, 0.2929,
0.3290

 16.2232, 0.5438,
0.2769

 94.2724, 0.2929,
0.3289

Harmonies

Analogous

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



38.2305, 0.3121, 0.2633



38.2305, 0.3640, 0.2924



38.2305, 0.4031, 0.3305

Triad

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



38.2305, 0.3640, 0.2924



38.2305, 0.3570, 0.4221



38.2305, 0.2198, 0.2748

Complementary

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



38.2305, 0.3640, 0.2924



61.8523, 0.2798, 0.3693

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.



38.2305, 0.2295, 0.3169



38.2305, 0.3640, 0.2924



38.2305, 0.3067, 0.4096

Square

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



38.2305, 0.3640, 0.2924



38.2305, 0.3973, 0.4053



38.2305, 0.2604, 0.3685



38.2305, 0.2319, 0.2516

Rectangle

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



38.2305, 0.3640, 0.2924



38.2305, 0.4146, 0.3577



38.2305, 0.2604, 0.3685



38.2305, 0.2206, 0.2870

Sweetspot

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



38.2323, 0.3640, 0.2924



82.3417, 0.3251, 0.3182



35.9178, 0.2880, 0.2333



17.1976, 0.3268, 0.3168



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.



38.2323, 0.3640, 0.2924



45.2660, 0.3804, 0.2844



39.6153, 0.3945, 0.3387



13.7892, 0.3231, 0.3198



9.6549, 0.5400, 0.2748



0.6865, 0.4988, 0.2521

Inverse Universe

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



38.2323, 0.3640, 0.2924



45.2660, 0.3804, 0.2844



59.2655, 0.2614, 0.3189



13.7892, 0.3231, 0.3198



9.6549, 0.5400, 0.2748



0.6865, 0.4988, 0.2521

Previews

White Background



This preview shows how the Yxy color 38.2305, 0.3640, 0.2924 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 38.2305, 0.3640, 0.2924 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 38.2305, 0.3640, 0.2924

Background



This preview shows how black text looks on a background with the Yxy color 38.2305, 0.3640, 0.2924.



This preview shows how white text looks on a background with the Yxy color 38.2305, 0.3640, 0.2924.

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

38.2305, 0.3640, 0.2924

Protanopia

38.3276, 0.2919, 0.2972

Deuteranopia

38.2538, 0.3229, 0.3155



Tritanopia

38.2077, 0.3794, 0.3159

Trichromacy



Original Color

38.2305, 0.3640, 0.2924

Protanomaly

37.7232, 0.3153, 0.2946

Deuteranomaly

37.8255, 0.3376, 0.3057

Tritanomaly

38.2673, 0.3742, 0.3076

Monochromacy



Original Color

38.2305, 0.3640, 0.2924

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

38.9007, 0.3307, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2305, 0.3640, 0.2924 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, 143, 174)` looks like.

```
.text, #text, p{  
    color:rgb(222, 143, 174)  
}
```

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, 143, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 143, 174) }
```

Border

The CSS property to change the border of an element to Yxy 38.2305, 0.3640, 0.2924 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, 143, 174) }
```

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

```
.border{ border-color:rgb(222, 143, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 143, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 143, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 143, 174);  
box-shadow:4px 4px 4px 4px rgb(222, 143,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2305, 0.3640, 0.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 143, 174) }
```

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

```
.background{ background-color: rgb(222,  
143, 174) }
```

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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