

Converting Colors

$Y_{xy}(37.9720, 0.3672, 0.2925)$

Have a look what the booklet for
Yxy(37.9720, 0.3672, 0.2925)
contains.

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Color

Yxy(38.0511, 0.3663, 0.2926)

Conversions

Conversions Part 1

Format	Color
Hex	DF8EAD
RGB	223, 142, 173
RGB Percent	87%, 56%, 68%
CMY	0.1257, 0.4430, 0.3216
CMYK	0.00, 0.36, 0.22, 0.13
HSL	337°, 56%, 72%
HSV	337°, 36%, 87%
XYZ	47.6354, 38.0511, 44.3583
YIQ	169.7530, 38.3250, 26.8130

Conversions

Conversions Part 2

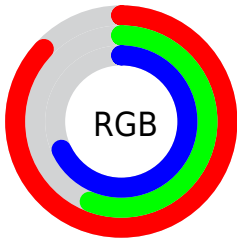
Format	Color
R _Y B	223, 142, 173
Decimal	14651053
CIE Lab	68.06, 34.84, -3.34
CIE LCh	68, 35.001, 354.531
Yxy	38.0511, 0.3663, 0.2926
Android (android.graphics.Color)	4292841133 (0xFFDF8EAD)
YUV	169.7530, 1.6008, 46.6976
Hunter-Lab	61.6856, 29.8932, 0.5443

Details

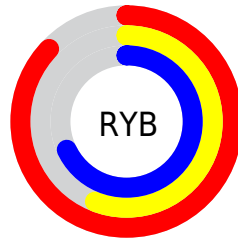
The Yxy color **38.0511, 0.3663, 0.2926** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.3116, 0.2788, 0.3692**, and the grayscale version is **40.0478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7939, 0.3353, 0.2977**, and **16.7998, 0.3821, 0.2811** is the 20% darker color. If you saturate the color by 10%, you get **31.5612, 0.3886, 0.2827**, and if you desaturate by 10%, it is **45.9265, 0.3476, 0.3030**.

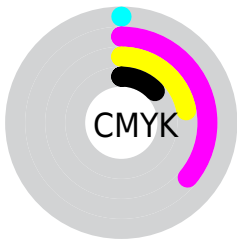
Distribution



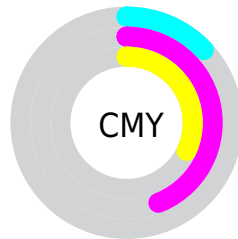
- Red (87%)
- Green (56%)
- Blue (68%)



- 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 38.0511, 0.3663, 0.2926 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 38.0511, 0.3663, 0.2926 by changing the saturation by 10% instead.

 38.0511, 0.3663,
0.2926


 38.0511, 0.3663,
0.2926


337.8391, 0.3388,
0.3111

 26.0224, 0.3734,
0.2879


 72.1865, 0.3561,
0.2994

 16.8404, 0.3826,
0.2818


 95.0618, 0.3524,
0.3019

 10.1207, 0.3951,
0.2737


122.3216, 0.3492,
0.3040

 5.4791, 0.4131,
0.2622

154.3500, 0.3465,
0.3058

 2.5310, 0.4407,
0.2448

191.5316, 0.3442,
0.3074

 0.8921, 0.4885,
0.2155

234.2508, 0.3422,

 0.0000, 1.0000,

0.3088

0.0000

282.8918, 0.3404,
0.3100

0.0000, 0.0000,
0.0000

38.0511, 0.3663,
0.2926

38.0511, 0.3663,
0.2926

31.5612, 0.3886,
0.2827

45.9265, 0.3476,
0.3030

26.3701, 0.4145,
0.2741

55.2564, 0.3322,
0.3133

22.3899, 0.4439,
0.2680

66.1119, 0.3195,
0.3231

19.5192, 0.4755,
0.2656

78.5575, 0.3091,
0.3323

17.6400, 0.5075,
0.2680

92.6544, 0.3006,
0.3409

■ 16.6047, 0.5374,
0.2757

■ 94.4210, 0.2934,
0.3289

■ 16.3411, 0.5480,
0.2792

Harmonies

Analogous

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



38.0511, 0.3134, 0.2627



38.0511, 0.3663, 0.2926



38.0511, 0.4056, 0.3315

Triad

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



38.0511, 0.3663, 0.2926



38.0511, 0.3565, 0.4241



38.0511, 0.2181, 0.2728

Complementary

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



38.0511, 0.3663, 0.2926



62.3116, 0.2788, 0.3692

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.



38.0511, 0.2274, 0.3153



38.0511, 0.3663, 0.2926



38.0511, 0.3052, 0.4106

Square

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



38.0511, 0.3663, 0.2926



38.0511, 0.3981, 0.4075



38.0511, 0.2583, 0.3680



38.0511, 0.2310, 0.2498

Rectangle

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



38.0511, 0.3663, 0.2926



38.0511, 0.4168, 0.3591



38.0511, 0.2583, 0.3680



38.0511, 0.2187, 0.2850

Sweetspot

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



38.0529, 0.3663, 0.2926



82.3249, 0.3253, 0.3185



35.8789, 0.2886, 0.2316



17.1936, 0.3270, 0.3171



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.



38.0529, 0.3663, 0.2926



44.3777, 0.3839, 0.2846



39.9208, 0.3962, 0.3405



13.7869, 0.3232, 0.3201



9.6330, 0.5441, 0.2771



0.6848, 0.5024, 0.2541

Inverse Universe

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



38.0529, 0.3663, 0.2926



44.3777, 0.3839, 0.2846



58.9269, 0.2603, 0.3169



13.7869, 0.3232, 0.3201



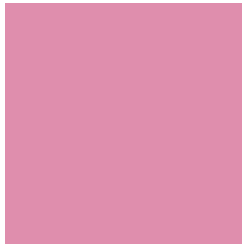
9.6330, 0.5441, 0.2771



0.6848, 0.5024, 0.2541

Previews

White Background



This preview shows how the Yxy color 38.0511, 0.3663, 0.2926 looks on a white background.

Color Contrast Check

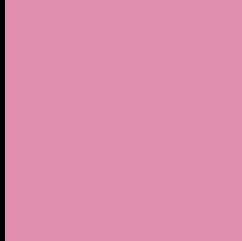
Large Text (above 18pt) WCAG AA × Fail

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 38.0511, 0.3663, 0.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

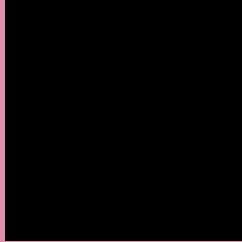
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0511, 0.3663, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 38.0511, 0.3663, 0.2926.



This preview shows how white text looks on a background with the Yxy color 38.0511, 0.3663, 0.2926.

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

38.0511, 0.3663, 0.2926

Protanopia

38.2847, 0.2926, 0.2985

Deuteranopia

38.2158, 0.3238, 0.3168



Tritanopia

38.0233, 0.3818, 0.3160

Trichromacy



Original Color

38.0511, 0.3663, 0.2926

Protanomaly

37.8056, 0.3171, 0.2960

Deuteranomaly

37.7872, 0.3386, 0.3070

Tritanomaly

38.0847, 0.3766, 0.3077

Monochromacy



Original Color

38.0511, 0.3663, 0.2926

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 38.0511, 0.3663, 0.2926 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, 142, 173)` looks like.

```
.text, #text, p{  
    color:rgb(223, 142, 173)  
}
```

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, 142, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 142, 173) }
```

Border

The CSS property to change the border of an element to Yxy 38.0511, 0.3663, 0.2926 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, 142, 173) }
```

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

```
.border{ border-color:rgb(223, 142, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 142, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 142, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 142, 173);  
box-shadow:4px 4px 4px 4px rgb(223, 142,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0511, 0.3663, 0.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 142, 173) }
```

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

```
.background{ background-color: rgb(223,  
142, 173) }
```

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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