

Converting Colors

$Y_{xy}(38.0106, 0.3585, 0.2751)$

Have a look what the booklet for
Yxy(38.0106, 0.3585, 0.2751)
contains.

Yxy(38.0106, 0.3585, 0.2751)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.0106, 0.3585, 0.2751)

Conversions

Conversions Part 1

Format	Color
Hex	E38AB9
RGB	227, 138, 185
RGB Percent	89%, 54%, 73%
CMY	0.1096, 0.4589, 0.2745
CMYK	0.00, 0.39, 0.19, 0.11
HSL	328°, 61%, 72%
HSV	328°, 39%, 89%
XYZ	49.5340, 38.0106, 50.6255
YIQ	169.9690, 37.9570, 33.4850

Conversions

Conversions Part 2

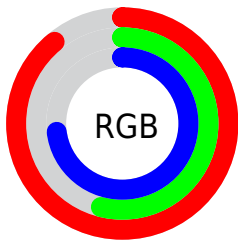
Format	Color
R _Y B	227, 138, 185
Decimal	14912185
CIE Lab	68.03, 40.18, -10.06
CIE LCh	68, 41.419, 345.937
Yxy	38.0106, 0.3585, 0.2751
Android (android.graphics.Color)	4293102265 (0xFFE38AB9)
YUV	169.9690, 7.4103, 50.0162
Hunter-Lab	61.6527, 35.5209, -5.5285

Details

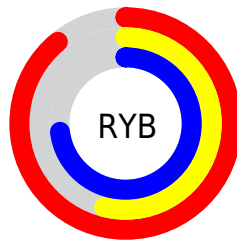
The Yxy color **38.0106, 0.3585, 0.2751** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.6596, 0.2836, 0.3908**, and the grayscale version is **40.1308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7508, 0.3258, 0.2812**, and **16.8676, 0.3717, 0.2605** is the 20% darker color. If you saturate the color by 10%, you get **31.7298, 0.3757, 0.2619**, and if you desaturate by 10%, it is **45.6907, 0.3437, 0.2891**.

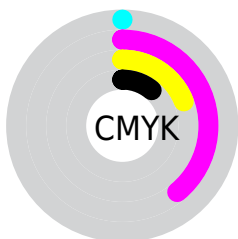
Distribution



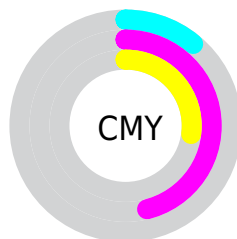
- Red (89%)
- Green (54%)
- Blue (73%)



- Red (89%)
- Yellow (54%)
- Blue (73%)



- Cyan (0%)
- Magenta (39%)
- Yellow (19%)
- Black (11%)





- Cyan (11%)
- Magenta (46%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0106, 0.3585, 0.2751 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 38.0106, 0.3585, 0.2751 by changing the saturation by 10% instead.


 38.0106, 0.3585,
0.2751


 38.0106, 0.3585,
0.2751


337.6654, 0.3354,
0.3018

 25.9909, 0.3643,
0.2685


 72.1244, 0.3501,
0.2847

 16.8168, 0.3718,
0.2602


 94.9873, 0.3469,
0.2884

 10.1040, 0.3818,
0.2492


 122.2334, 0.3443,
0.2914

 5.4680, 0.3957,
0.2340

154.2470, 0.3420,
0.2941

 2.5244, 0.4167,
0.2121

191.4127, 0.3400,
0.2964

 0.8888, 0.4512,
0.1776

234.1147, 0.3383,


 0.0000, 0.6240,


0.2984

0.0000

282.7375, 0.3368,
0.3002

 0.0000, 0.0000,
0.0000

 38.0106, 0.3585,
0.2751


 38.0106, 0.3585,
0.2751

 31.7298, 0.3757,
0.2619


 45.6907, 0.3437,
0.2891


 26.7565, 0.3953,
0.2504


 54.8435, 0.3312,
0.3033


 22.9967, 0.4168,
0.2420

 65.5437, 0.3208,
0.3170

 20.3410, 0.4397,
0.2378

 77.8595, 0.3121,
0.3300

 18.6602, 0.4627,
0.2388

 91.8547, 0.3049,
0.3421

■ 17.7491, 0.4850,
0.2450

■ 94.7166, 0.2989,
0.3347

■ 17.6908, 0.4867,
0.2455

■ 95.0779, 0.2958,
0.3290

Harmonies

Analogous

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



38.0106, 0.2952, 0.2451



38.0106, 0.3585, 0.2751



38.0106, 0.4124, 0.3173

Triad

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



38.0106, 0.3585, 0.2751



38.0106, 0.3790, 0.4388



38.0106, 0.2032, 0.2741

Complementary

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



38.0106, 0.3585, 0.2751



63.6596, 0.2836, 0.3908

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.



38.0106, 0.2207, 0.3294



38.0106, 0.3585, 0.2751



38.0106, 0.3202, 0.4358

Square

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



38.0106, 0.3585, 0.2751



38.0106, 0.4224, 0.4094



38.0106, 0.2624, 0.3929



38.0106, 0.2108, 0.2414

Rectangle

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



38.0106, 0.3585, 0.2751



38.0106, 0.4324, 0.3488



38.0106, 0.2624, 0.3929



38.0106, 0.2062, 0.2903

Sweetspot

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



38.0124, 0.3585, 0.2751



81.1109, 0.3236, 0.3131



33.3687, 0.2742, 0.2195



16.9607, 0.3249, 0.3113



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.



38.0124, 0.3585, 0.2751



42.7267, 0.3722, 0.2643



36.4311, 0.4076, 0.3258



14.4945, 0.3210, 0.3167



10.3367, 0.4836, 0.2438



0.7826, 0.4533, 0.2271

Inverse Universe

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



38.0124, 0.3585, 0.2751



42.7267, 0.3722, 0.2643



65.7493, 0.2601, 0.3325



14.4945, 0.3210, 0.3167



10.3367, 0.4836, 0.2438



0.7826, 0.4533, 0.2271

Previews

White Background



This preview shows how the Yxy color 38.0106, 0.3585, 0.2751 looks on a white background.

Color Contrast Check

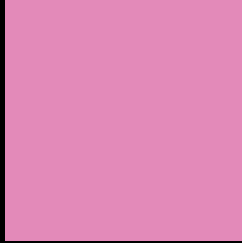
Large Text (above 18pt) WCAG AA × Fail

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 38.0106, 0.3585, 0.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

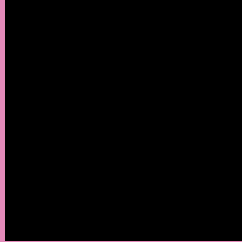
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0106, 0.3585, 0.2751

Background



This preview shows how black text looks on a background with the Yxy color 38.0106, 0.3585, 0.2751.



This preview shows how white text looks on a background with the Yxy color 38.0106, 0.3585, 0.2751.

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

38.0106, 0.3585, 0.2751

Protanopia

38.4912, 0.2763, 0.2774

Deuteranopia

38.4070, 0.3093, 0.3033



Tritanopia

38.1269, 0.3874, 0.3173

Trichromacy



Original Color

38.0106, 0.3585, 0.2751



Protanomaly

37.4955, 0.3030, 0.2757



Deuteranomaly

37.7620, 0.3272, 0.2918



Tritanomaly

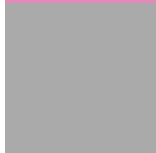
38.0702, 0.3770, 0.3021

Monochromacy



Original Color

38.0106, 0.3585, 0.2751



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

38.6252, 0.3292, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0106, 0.3585, 0.2751 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(227, 138, 185)` looks like.

```
.text, #text, p{  
    color:rgb(227, 138, 185)  
}
```

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(227, 138, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 138, 185) }
```

Border

The CSS property to change the border of an element to Yxy 38.0106, 0.3585, 0.2751 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(227, 138, 185) }
```

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

```
.border{ border-color:rgb(227, 138, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 138, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 138, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 138, 185); box-shadow:4px 4px 4px 4px rgb(227, 138, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0106, 0.3585, 0.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 138, 185) }
```

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

```
.background{ background-color: rgb(227,  
138, 185) }
```

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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