

Converting Colors

$Y_{xy}(39.0161, 0.3659, 0.2712)$

Have a look what the booklet for
Yxy(39.0161, 0.3659, 0.2712)
contains.

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Color

Yxy(38.9633, 0.3659, 0.2707)

Conversions

Conversions Part 1

Format	Color
Hex	ED87BC
RGB	237, 135, 188
RGB Percent	93%, 53%, 74%
CMY	0.0706, 0.4706, 0.2629
CMYK	0.00, 0.43, 0.21, 0.07
HSL	329°, 74%, 73%
HSV	329°, 43%, 93%
XYZ	52.6659, 38.9633, 52.3061
YIQ	171.5400, 43.7790, 38.1070

Conversions

Conversions Part 2

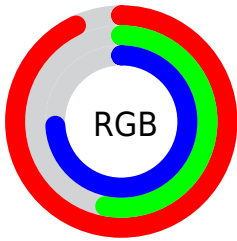
Format	Color
R _{YB}	237, 135, 188
Decimal	15566780
CIE Lab	68.72, 45.48, -10.56
CIE LCh	69, 46.694, 346.930
Yxy	38.9633, 0.3659, 0.2707
Android (android.graphics.Color)	4293756860 (0xFFED87BC)
YUV	171.5400, 8.1148, 57.4084
Hunter-Lab	62.4206, 41.3693, -5.9884

Details

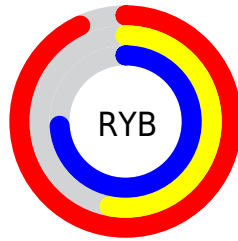
The Yxy color **38.9633, 0.3659, 0.2707** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **69.1876, 0.2808, 0.3970**, and the grayscale version is **40.9530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6186, 0.3238, 0.2754**, and **17.3676, 0.3807, 0.2545** is the 20% darker color. If you saturate the color by 10%, you get **32.5991, 0.3845, 0.2582**, and if you desaturate by 10%, it is **46.8420, 0.3498, 0.2844**.

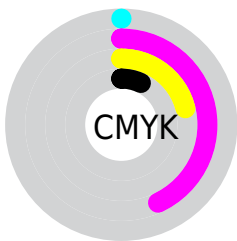
Distribution



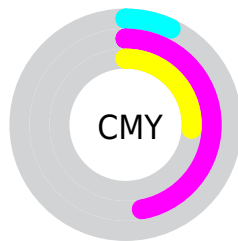
- Red (93%)
- Green (53%)
- Blue (74%)



- Red (93%)
- Yellow (53%)
- Blue (74%)



- Cyan (0%)
- Magenta (43%)
- Yellow (21%)
- Black (7%)





- Cyan (7%)
- Magenta (47%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9633, 0.3659, 0.2707 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 38.9633, 0.3659, 0.2707 by changing the saturation by 10% instead.


 38.9633, 0.3659,
0.2707


 38.9633, 0.3659,
0.2707


341.7344, 0.3392,
0.2993

 26.7312, 0.3726,
0.2637


 73.5823, 0.3562,
0.2810

 17.3714, 0.3811,
0.2549


 96.7379, 0.3526,
0.2849

 10.4997, 0.3925,
0.2433


 124.3034, 0.3495,
0.2882

 5.7315, 0.4083,
0.2275

156.6634, 0.3469,
0.2910

 2.6825, 0.4318,
0.2049

194.2020, 0.3446,
0.2935

 0.9683, 0.4699,
0.1702

237.3038, 0.3426,

 0.0000, 0.6272,

0.2957

0.0000

286.3532, 0.3408,
0.2976

0.0000, 0.0000,
0.0000

38.9633, 0.3659,
0.2707

38.9633, 0.3659,
0.2707

32.5991, 0.3845,
0.2582

46.8420, 0.3498,
0.2844

27.6440, 0.4054,
0.2480

56.3201, 0.3362,
0.2983

23.9881, 0.4282,
0.2413


67.4829, 0.3248,
0.3121

21.5023, 0.4518,
0.2393

80.4080, 0.3153,
0.3252

20.0306, 0.4752,
0.2427

95.1680, 0.3074,
0.3375

 19.4380, 0.4910,
0.2478

 96.7462, 0.3017,
0.3290

Harmonies

Analogous

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



38.9633, 0.2950, 0.2375



38.9633, 0.3659, 0.2707



38.9633, 0.4258, 0.3169

Triad

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



38.9633, 0.3659, 0.2707



38.9633, 0.3834, 0.4520



38.9633, 0.1919, 0.2655

Complementary

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



38.9633, 0.3659, 0.2707



69.1876, 0.2808, 0.3970

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.



38.9633, 0.2097, 0.3263



38.9633, 0.3659, 0.2707



38.9633, 0.3178, 0.4488

Square

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



38.9633, 0.3659, 0.2707



38.9633, 0.4330, 0.4183



38.9633, 0.2544, 0.3989



38.9633, 0.2012, 0.2312

Rectangle

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



38.9633, 0.3659, 0.2707



38.9633, 0.4470, 0.3513



38.9633, 0.2544, 0.3989



38.9633, 0.1947, 0.2831

Sweetspot

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



38.9652, 0.3659, 0.2707



79.6587, 0.3248, 0.3120



33.4635, 0.2692, 0.2077



16.3875, 0.3271, 0.3090



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.



38.9652, 0.3659, 0.2707



39.0503, 0.3828, 0.2592



37.1822, 0.4221, 0.3255



15.1847, 0.3212, 0.3168



10.6382, 0.4875, 0.2459



0.8548, 0.4581, 0.2297

Inverse Universe

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



38.9652, 0.3659, 0.2707



39.0503, 0.3828, 0.2592



71.6433, 0.2559, 0.3329



15.1847, 0.3212, 0.3168



10.6382, 0.4875, 0.2459



0.8548, 0.4581, 0.2297

Previews

White Background



This preview shows how the Yxy color 38.9633, 0.3659, 0.2707 looks on a white background.

Color Contrast Check

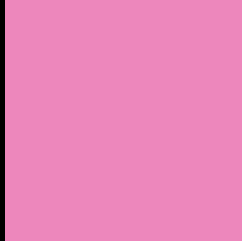
Large Text (above 18pt) WCAG AA × Fail

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 38.9633, 0.3659, 0.2707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

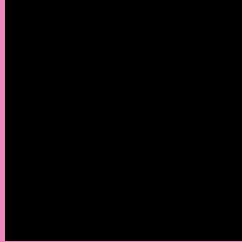
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9633, 0.3659, 0.2707

Background



This preview shows how black text looks on a background with the Yxy color 38.9633, 0.3659, 0.2707.



This preview shows how white text looks on a background with the Yxy color 38.9633, 0.3659, 0.2707.

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

38.9633, 0.3659, 0.2707

Protanopia

39.1450, 0.2722, 0.2715

Deuteranopia

39.0783, 0.3094, 0.3022



Tritanopia

38.9366, 0.3995, 0.3178

Trichromacy



Original Color

38.9633, 0.3659, 0.2707



Protanomaly

38.2245, 0.3025, 0.2704



Deuteranomaly

38.4274, 0.3282, 0.2886



Tritanomaly

38.6743, 0.3871, 0.2997

Monochromacy



Original Color

38.9633, 0.3659, 0.2707



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

39.7464, 0.3311, 0.3047

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9633, 0.3659, 0.2707 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(237, 135, 188)` looks like.

```
.text, #text, p{  
    color:rgb(237, 135, 188)  
}
```

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(237, 135, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 135, 188) }
```

Border

The CSS property to change the border of an element to Yxy 38.9633, 0.3659, 0.2707 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(237, 135, 188) }
```

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

```
.border{ border-color:rgb(237, 135, 188) }
```

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

Here you see how a box with a 4 pixel rgb(237, 135, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 135, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 135, 188);  
box-shadow:4px 4px 4px 4px rgb(237, 135,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9633, 0.3659, 0.2707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 135, 188) }
```

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

```
.background{ background-color: rgb(237,  
135, 188) }
```

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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