

Converting Colors

$Y_{xy}(38.7840, 0.3931, 0.2778)$

Have a look what the booklet for
Yxy(38.7840, 0.3931, 0.2778)
contains.

Yxy(38.9367, 0.3928, 0.2777)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.9367, 0.3928, 0.2777)

Conversions

Conversions Part 1

Format	Color
Hex	FA80B1
RGB	250, 128, 177
RGB Percent	98%, 50%, 69%
CMY	0.0197, 0.4980, 0.3059
CMYK	0.00, 0.49, 0.29, 0.02
HSL	336°, 92%, 74%
HSV	336°, 49%, 98%
XYZ	55.0750, 38.9367, 46.1996
YIQ	170.0640, 56.9830, 41.1030

Conversions

Conversions Part 2

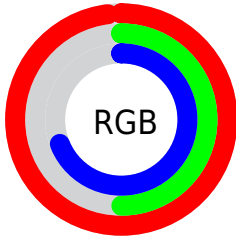
Format	Color
R_{YB}	250, 128, 177
Decimal	16416945
CIE _{Lab}	68.71, 51.74, -4.24
CIE _{LCh}	69, 51.910, 355.311
Yxy	38.9367, 0.3928, 0.2777
Android (android.graphics.Color)	4294607025 (0xFFFA80B1)
YUV	170.0640, 3.4194, 70.1039
Hunter-Lab	62.3993, 48.3494, -0.2181

Details

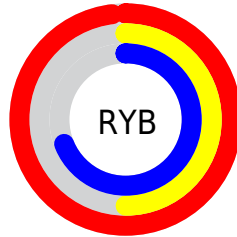
The Yxy color **38.9367, 0.3928, 0.2777** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **77.1728, 0.2707, 0.3895**, and the grayscale version is **40.1954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4242, 0.3328, 0.2797**, and **17.4546, 0.4162, 0.2628** is the 20% darker color. If you saturate the color by 10%, you get **32.6356, 0.4189, 0.2692**, and if you desaturate by 10%, it is **46.9133, 0.3702, 0.2879**.

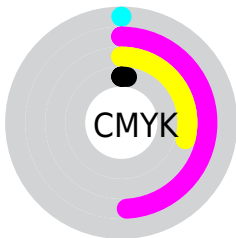
Distribution



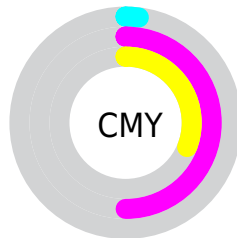
- Red (98%)
- Green (50%)
- Blue (69%)



- Red (98%)
- Yellow (50%)
- Blue (69%)



- Cyan (0%)
- Magenta (49%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (50%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9367, 0.3928, 0.2777 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 38.9367, 0.3928, 0.2777 by changing the saturation by 10% instead.


 38.9367, 0.3928,
0.2777


 38.9367, 0.3928,
0.2777


341.6213, 0.3520,
0.3034


 26.7105, 0.4032,
0.2713


 73.5416, 0.3778,
0.2871

 17.3559, 0.4166,
0.2631


 96.6891, 0.3723,
0.2906

 10.4886, 0.4346,
0.2521


 124.2458, 0.3676,
0.2935

 5.7241, 0.4598,
0.2370

156.5961, 0.3635,
0.2961

 2.6780, 0.4978,
0.2149

194.1244, 0.3601,
0.2983

 0.9661, 0.5602,
0.1797

237.2151, 0.3570,

 0.0000, 0.8919,

0.3002

0.0000

286.2526, 0.3544,
0.3019

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

38.9367, 0.3928,
0.2777

38.9367, 0.3928,
0.2777

32.6356, 0.4189,
0.2692

46.9133, 0.3702,
0.2879

27.8820, 0.4481,
0.2635

56.6695, 0.3511,
0.2988

24.5387, 0.4791,
0.2621

68.3077, 0.3353,
0.3097

22.4410, 0.5100,
0.2658

81.9208, 0.3222,
0.3202

■ 21.3503, 0.5385,
0.2746

■ 97.5956, 0.3115,
0.3302

■ 21.2490, 0.5418,
0.2758

■ 99.0619, 0.3096,
0.3290

Harmonies

Analogous

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



38.9367, 0.3141, 0.2372



38.9367, 0.3928, 0.2777



38.9367, 0.4508, 0.3300

Triad

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



38.9367, 0.3928, 0.2777



38.9367, 0.3701, 0.4700



38.9367, 0.1805, 0.2446

Complementary

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



38.9367, 0.3928, 0.2777



77.1728, 0.2707, 0.3895

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.



38.9367, 0.1910, 0.3036



38.9367, 0.3928, 0.2777



38.9367, 0.2966, 0.4530

Square

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



38.9367, 0.3928, 0.2777



38.9367, 0.4321, 0.4391



38.9367, 0.2314, 0.3850



38.9367, 0.1986, 0.2164

Rectangle

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



38.9367, 0.3928, 0.2777



38.9367, 0.4652, 0.3677



38.9367, 0.2314, 0.3850



38.9367, 0.1808, 0.2609

Sweetspot

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



38.9386, 0.3928, 0.2777



76.5892, 0.3300, 0.3137



34.5094, 0.2735, 0.1943



15.7718, 0.3329, 0.3115



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.



38.9386, 0.3928, 0.2777



33.9865, 0.4197, 0.2690



40.1101, 0.4445, 0.3401



17.3407, 0.3231, 0.3195



11.2989, 0.5376, 0.2735



1.0668, 0.5061, 0.2561

Inverse Universe

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



38.9386, 0.3928, 0.2777



33.9865, 0.4197, 0.2690



73.7089, 0.2462, 0.3169



17.3407, 0.3231, 0.3195



11.2989, 0.5376, 0.2735



1.0668, 0.5061, 0.2561

Previews

White Background



This preview shows how the Yxy color 38.9367, 0.3928, 0.2777 looks on a white background.

Color Contrast Check

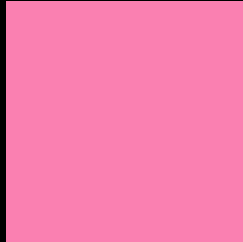
Large Text (above 18pt) WCAG AA × Fail

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 38.9367, 0.3928, 0.2777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

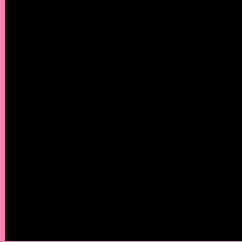
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9367, 0.3928, 0.2777

Background



This preview shows how black text looks on a background with the Yxy color 38.9367, 0.3928, 0.2777.



This preview shows how white text looks on a background with the Yxy color 38.9367, 0.3928, 0.2777.

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

38.9367, 0.3928, 0.2777

Protanopia

39.4315, 0.2804, 0.2831

Deuteranopia

39.2019, 0.3246, 0.3183



Tritanopia

38.8380, 0.4259, 0.3186

Trichromacy



Original Color

38.9367, 0.3928, 0.2777



Protanomaly

37.9257, 0.3160, 0.2794



Deuteranomaly

38.0952, 0.3483, 0.3003



Tritanomaly

38.8593, 0.4138, 0.3036

Monochromacy



Original Color

38.9367, 0.3928, 0.2777



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

38.6019, 0.3394, 0.3060

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9367, 0.3928, 0.2777 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(250, 128, 177)` looks like.

```
.text, #text, p{  
    color:rgb(250, 128, 177)  
}
```

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(250, 128, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 128, 177) }
```

Border

The CSS property to change the border of an element to Yxy 38.9367, 0.3928, 0.2777 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(250, 128, 177) }
```

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

```
.border{ border-color:rgb(250, 128, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 128, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 128, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 128, 177);  
box-shadow:4px 4px 4px 4px rgb(250, 128,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9367, 0.3928, 0.2777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 128, 177) }
```

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

```
.background{ background-color: rgb(250,  
128, 177) }
```

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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