

Converting Colors

$Y_{xy}(35.8828, 0.3885, 0.2589)$

Have a look what the booklet for
Yxy(35.8828, 0.3885, 0.2589)
contains.

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Color

Yxy(35.8201, 0.3882, 0.2587)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F973B7 |
| RGB | 249, 115, 183 |
| RGB Percent | 98%, 45%, 72% |
| CMY | 0.0235, 0.5491, 0.2823 |
| CMYK | 0.00, 0.54, 0.27, 0.02 |
| HSL | 330°, 92%, 71% |
| HSV | 330°, 54%, 98% |
| XYZ | 53.7509, 35.8201, 48.8909 |
| YIQ | 162.8180, 58.0360, 49.5560 |

Conversions

Conversions Part 2

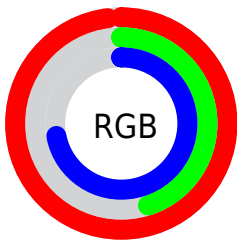
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 249, 115, 183 |
| Decimal | 16348087 |
| CIE Lab | 66.38, 58.38, -11.11 |
| CIE LCh | 66, 59.430, 349.223 |
| Yxy | 35.8201, 0.3882, 0.2587 |
| Android (android.graphics.Color) | 4294538167 (0xFFFF973B7) |
| YUV | 162.8180, 9.9497, 75.5816 |
| Hunter-Lab | 59.8499, 55.5727, -6.5386 |

Details

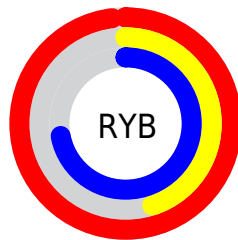
The Yxy color **35.8201, 0.3882, 0.2587** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **74.7419, 0.2745, 0.4162**, and the grayscale version is **36.4674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6178, 0.3292, 0.2611**, and **15.4566, 0.4101, 0.2389** is the 20% darker color. If you saturate the color by 10%, you get **30.4012, 0.4100, 0.2490**, and if you desaturate by 10%, it is **42.8204, 0.3688, 0.2708**.

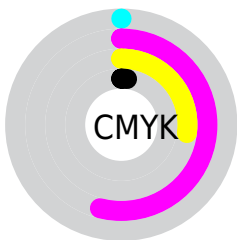
Distribution



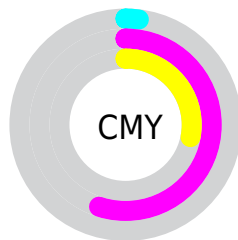
- Red (98%)
- Green (45%)
- Blue (72%)



- Red (98%)
- Yellow (45%)
- Blue (72%)



- Cyan (0%)
- Magenta (54%)
- Yellow (27%)
- Black (2%)





- Cyan (2%)
- Magenta (55%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8201, 0.3882, 0.2587 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 35.8201, 0.3882, 0.2587 by changing the saturation by 10% instead.


 35.8201, 0.3882,
0.2587


 35.8201, 0.3882,
0.2587


328.1736, 0.3499,
0.2934

 24.2953, 0.3979,
0.2502


 68.7543, 0.3742,
0.2712

 15.5528, 0.4104,
0.2395


 90.9325, 0.3690,
0.2759

 9.2083, 0.4270,
0.2254


 117.4306, 0.3645,
0.2799

 4.8773, 0.4504,
0.2062

148.6330, 0.3608,
0.2834

 2.1754, 0.4852,
0.1789

184.9241, 0.3575,
0.2864

 0.7066, 0.5429,
0.1358

226.6883, 0.3547,

 0.0000, 0.7569,

0.2890

0.0000

274.3100, 0.3521,
0.2913

■ 0.0000, 0.0000,
0.0000

■ 35.8201, 0.3882,
0.2587

■ 35.8201, 0.3882,
0.2587

■ 30.4012, 0.4100,
0.2490

■ 42.8204, 0.3688,
0.2708

■ 26.4307, 0.4337,
0.2429

■ 51.5105, 0.3520,
0.2841

■ 23.7624, 0.4582,
0.2417

■ 61.9951, 0.3378,
0.2978

■ 22.2159, 0.4823,
0.2460

■ 74.3690, 0.3259,
0.3113

■ 21.6595, 0.4966,
0.2509

■ 88.7203, 0.3160,
0.3243

98.8829, 0.3090,
0.3290

Harmonies

Analogous

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



35.8201, 0.2951, 0.2171



35.8201, 0.3882, 0.2587



35.8201, 0.4650, 0.3151

Triad

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



35.8201, 0.3882, 0.2587



35.8201, 0.3925, 0.4895



35.8201, 0.1615, 0.2405

Complementary

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



35.8201, 0.3882, 0.2587



74.7419, 0.2745, 0.4162

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.



35.8201, 0.1789, 0.3154



35.8201, 0.3882, 0.2587



35.8201, 0.3086, 0.4876

Square

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



35.8201, 0.3882, 0.2587



35.8201, 0.4603, 0.4415



35.8201, 0.2304, 0.4154



35.8201, 0.1755, 0.2031

Rectangle

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



35.8201, 0.3882, 0.2587



35.8201, 0.4888, 0.3567



35.8201, 0.2304, 0.4154



35.8201, 0.1637, 0.2612

Sweetspot

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



35.8219, 0.3882, 0.2587



75.4473, 0.3283, 0.3084



28.7756, 0.2565, 0.1757



15.5568, 0.3307, 0.3057



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.



35.8219, 0.3882, 0.2587



31.4783, 0.4129, 0.2480



33.6918, 0.4703, 0.3272



17.3723, 0.3214, 0.3170



11.6210, 0.4930, 0.2490



1.0977, 0.4669, 0.2345

Inverse Universe

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



35.8219, 0.3882, 0.2587



31.4783, 0.4129, 0.2480



78.1083, 0.2449, 0.3314



17.3723, 0.3214, 0.3170



11.6210, 0.4930, 0.2490



1.0977, 0.4669, 0.2345

Previews

White Background



This preview shows how the Yxy color 35.8201, 0.3882, 0.2587 looks on a white background.

Color Contrast Check

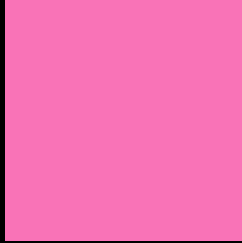
Large Text (above 18pt) WCAG AA × Fail

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 35.8201, 0.3882, 0.2587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

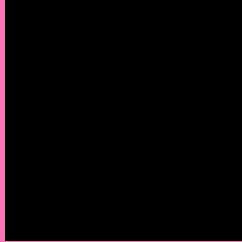
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8201, 0.3882, 0.2587

Background



This preview shows how black text looks on a background with the Yxy color 35.8201, 0.3882, 0.2587.



This preview shows how white text looks on a background with the Yxy color 35.8201, 0.3882, 0.2587.

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

35.8201, 0.3882, 0.2587

Protanopia

36.1997, 0.2595, 0.2556

Deuteranopia

35.9065, 0.3092, 0.3026



Tritanopia

35.8009, 0.4403, 0.3198

Trichromacy



Original Color

35.8201, 0.3882, 0.2587



Protanomaly

34.4487, 0.2980, 0.2533



Deuteranomaly

34.7428, 0.3355, 0.2818



Tritanomaly

35.5346, 0.4211, 0.2963

Monochromacy



Original Color

35.8201, 0.3882, 0.2587



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

34.9294, 0.3389, 0.2976

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8201, 0.3882, 0.2587 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(249, 115, 183)` looks like.

```
.text, #text, p{  
    color:rgb(249, 115, 183)  
}
```

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(249, 115, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 115, 183) }
```

Border

The CSS property to change the border of an element to Yxy 35.8201, 0.3882, 0.2587 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(249, 115, 183) }
```

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

```
.border{ border-color:rgb(249, 115, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 115, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 115, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 115, 183);  
box-shadow:4px 4px 4px 4px rgb(249, 115,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8201, 0.3882, 0.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 115, 183) }
```

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

```
.background{ background-color: rgb(249,  
115, 183) }
```

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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