

Converting Colors

Yxy(26.4794, 0.4309, 0.2402)

Have a look what the booklet for
Yxy(26.4794, 0.4309, 0.2402)
contains.

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Color

Yxy(26.3797, 0.4302, 0.2398)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F940A1 |
| RGB | 249, 64, 161 |
| RGB Percent | 98%, 25%, 63% |
| CMY | 0.0236, 0.7488, 0.3687 |
| CMYK | 0.00, 0.74, 0.35, 0.02 |
| HSL | 329°, 94%, 61% |
| HSV | 329°, 74%, 98% |
| XYZ | 47.3250, 26.3797, 36.3023 |
| YIQ | 130.3730, 79.1230, 69.3870 |

Conversions

Conversions Part 2

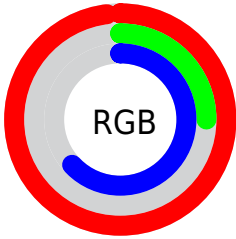
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 249, 64, 161 |
| Decimal | 16335009 |
| CIELab | 58.40, 75.63, -10.41 |
| CIElCh | 58, 76.340, 352.159 |
| Yxy | 26.3797, 0.4302, 0.2398 |
| Android (android.graphics.Color) | 4294525089 (0xFFFF940A1) |
| YUV | 130.3730, 15.0991, 104.0359 |
| Hunter-Lab | 51.3612, 74.5909, -5.9537 |

Details

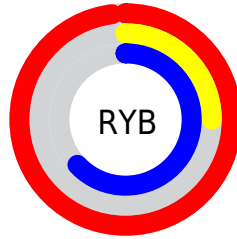
The Yxy color **26.3797, 0.4302, 0.2398** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **71.0979, 0.2705, 0.4616**, and the grayscale version is **22.3954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.3966, 0.3552, 0.2402**, and **11.6906, 0.4590, 0.2302** is the 20% darker color. If you saturate the color by 10%, you get **23.7710, 0.4537, 0.2385**, and if you desaturate by 10%, it is **30.2833, 0.4075, 0.2460**.

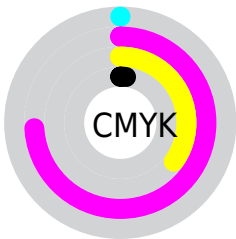
Distribution



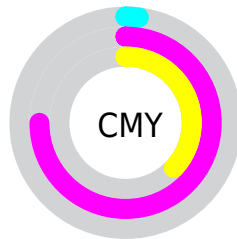
- Red (98%)
- Green (25%)
- Blue (63%)



- Red (98%)
- Yellow (25%)
- Blue (63%)



- Cyan (0%)
- Magenta (74%)
- Yellow (35%)
- Black (2%)




- Cyan (2%)
- Magenta (75%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3797, 0.4302, 0.2398 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 26.3797, 0.4302, 0.2398 by changing the saturation by 10% instead.


 26.3797, 0.4302,
0.2398


 26.3797, 0.4302,
0.2398


284.6411, 0.3679,
0.2856


 17.1079, 0.4468,
0.2281


 53.8869, 0.4068,
0.2566

 10.3115, 0.4686,
0.2131


 72.8910, 0.3982,
0.2629


 5.6060, 0.4985,
0.1931


 95.9081, 0.3911,
0.2682

 2.6070, 0.5417,
0.1655

 123.3225, 0.3850,
0.2727

 0.9302, 0.6080,
0.1259

 155.5186, 0.3798,
0.2766

 0.0000, 0.7877,
0.0000

192.8808, 0.3753,

 0.0000, 1.0000,

0.2800


0.0000

235.7935, 0.3714,
0.2829


 0.0000, 0.0000,
0.0000

 26.3797, 0.4302,
0.2398


 26.3797, 0.4302,
0.2398


 23.7710, 0.4537,
0.2385


 30.2833, 0.4075,
0.2460


 22.2706, 0.4767,
0.2426

 35.6262, 0.3865,
0.2560


 21.7602, 0.4895,
0.2470

 42.5383, 0.3677,
0.2684

 51.1335, 0.3514,
0.2821

 61.5152, 0.3376,
0.2962

 73.7783, 0.3260,
0.3102

 88.0110, 0.3163,
0.3235

 98.8754, 0.3090,
0.3290

Harmonies

Analogous

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



26.3797, 0.2971, 0.1864



26.3797, 0.4302, 0.2398



26.3797, 0.5340, 0.3090

Triad

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



26.3797, 0.4302, 0.2398



26.3797, 0.3949, 0.5509



26.3797, 0.1172, 0.1980

Complementary

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



26.3797, 0.4302, 0.2398



71.0979, 0.2705, 0.4616

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.



26.3797, 0.1305, 0.2899



26.3797, 0.4302, 0.2398



26.3797, 0.2847, 0.5594

Square

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



26.3797, 0.4302, 0.2398



26.3797, 0.4931, 0.4714



26.3797, 0.1869, 0.4408



26.3797, 0.1381, 0.1604

Rectangle

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



26.3797, 0.4302, 0.2398



26.3797, 0.5560, 0.3593



26.3797, 0.1869, 0.4408



26.3797, 0.1176, 0.2215

Sweetspot

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



26.3811, 0.4302, 0.2398



67.6790, 0.3348, 0.2994



17.0293, 0.2258, 0.1218



13.7820, 0.3382, 0.2956



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.



26.3811, 0.4302, 0.2398



24.1992, 0.4649, 0.2398



24.2540, 0.5634, 0.3253



17.3772, 0.3211, 0.3166



11.6793, 0.4860, 0.2451



1.1031, 0.4609, 0.2312

Inverse Universe

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



26.3811, 0.4302, 0.2398



24.1992, 0.4649, 0.2398



75.2886, 0.2329, 0.3363



17.3772, 0.3211, 0.3166



11.6793, 0.4860, 0.2451



1.1031, 0.4609, 0.2312

Previews

White Background



This preview shows how the Yxy color 26.3797, 0.4302, 0.2398 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3797, 0.4302, 0.2398 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 × Fail

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

Yxy 26.3797, 0.4302, 0.2398

Background



This preview shows how black text looks on a background with the Yxy color 26.3797, 0.4302, 0.2398.



This preview shows how white text looks on a background with the Yxy color 26.3797, 0.4302, 0.2398.

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

26.3797, 0.4302, 0.2398

Protanopia

26.5931, 0.2339, 0.2217

Deuteranopia

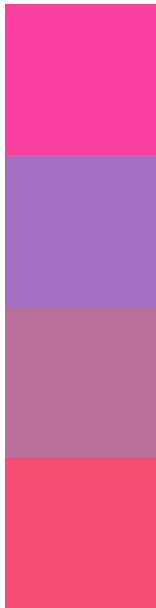
26.5152, 0.3116, 0.3068



Tritanopia

26.2950, 0.5228, 0.3251

Trichromacy



Original Color

26.3797, 0.4302, 0.2398

Protanomaly

23.1116, 0.2861, 0.2159

Deuteranomaly

23.8327, 0.3528, 0.2669

Tritanomaly

26.1384, 0.4924, 0.2942

Monochromacy



Original Color

26.3797, 0.4302, 0.2398

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.1154, 0.3571, 0.2773

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3797, 0.4302, 0.2398 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, 64, 161)` looks like.

```
.text, #text, p{  
    color:rgb(249, 64, 161)  
}
```

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, 64, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 64, 161) }
```

Border

The CSS property to change the border of an element to Yxy 26.3797, 0.4302, 0.2398 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, 64, 161) }
```

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

```
.border{ border-color:rgb(249, 64, 161) }
```

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

Here you see how a box with a 4 pixel rgb(249, 64, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 64, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 64, 161);  
box-shadow:4px 4px 4px 4px rgb(249, 64,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3797, 0.4302, 0.2398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 64, 161) }
```

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

```
.background{ background-color: rgb(249, 64,  
161) }
```

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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