

Converting Colors

$Yxy(24.9227, 0.4979, 0.2789)$

Have a look what the booklet for
Yxy(24.9227, 0.4979, 0.2789)
contains.

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Color

Yxy(24.8876, 0.4976, 0.2791)

Conversions

Conversions Part 1

Format	Color
Hex	FA3C77
RGB	250, 60, 119
RGB Percent	98%, 24%, 47%
CMY	0.0196, 0.7647, 0.5334
CMYK	0.00, 0.76, 0.52, 0.02
HSL	341°, 95%, 61%
HSV	341°, 76%, 98%
XYZ	44.3714, 24.8876, 19.9119
YIQ	123.5360, 94.3010, 58.6290

Conversions

Conversions Part 2

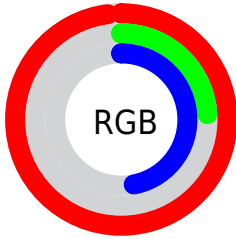
Format	Color
R_{YB}	250, 60, 119
Decimal	16399479
CIE Lab	56.97, 73.37, 12.28
CIE LCh	57, 74.388, 9.503
Yxy	24.8876, 0.4976, 0.2791
Android (android.graphics.Color)	4294589559 (0xFFFA3C77)
YUV	123.5360, -2.2362, 110.9089
Hunter-Lab	49.8875, 71.4603, 11.2565

Details

The Yxy color **24.8876, 0.4976, 0.2791** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **73.1002, 0.2531, 0.4071**, and the grayscale version is **19.9781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3662, 0.4063, 0.2800**, and **11.0197, 0.5463, 0.2783** is the 20% darker color. If you saturate the color by 10%, you get **22.4819, 0.5335, 0.2828**, and if you desaturate by 10%, it is **28.6070, 0.4614, 0.2800**.

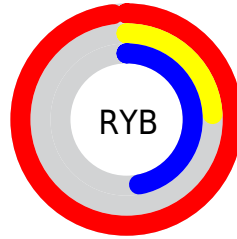
Distribution



Red (98%)

Green (24%)

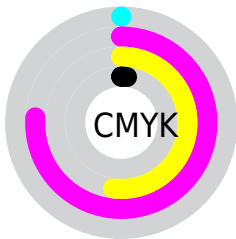
Blue (47%)



Red (98%)

Yellow (24%)

Blue (47%)

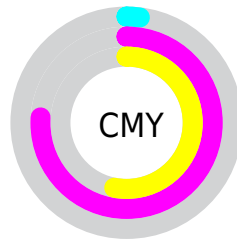


Cyan (0%)

Magenta (76%)

Yellow (52%)

Black (2%)



Cyan (2%)


Magenta (76%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8876, 0.4976, 0.2791 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 24.8876, 0.4976, 0.2791 by changing the saturation by 10% instead.


 24.8876, 0.4976,
0.2791


 24.8876, 0.4976,
0.2791


277.2777, 0.3961,
0.3093


 15.9933, 0.5255,
0.2697


 51.4748, 0.4587,
0.2914


 9.5194, 0.5624,
0.2565

 69.9366, 0.4447,
0.2957

 5.0815, 0.6131,
0.2370

 92.3563, 0.4331,
0.2991

 2.2952, 0.6849,
0.2067

 119.1183, 0.4233,
0.3019

 0.7712, 0.8347,
0.1653

 150.6071, 0.4150,
0.3042

 0.0000, 1.0000,
0.0000

187.2070, 0.4078,

 0.0000, 0.0000,

0.3062

0.0000

229.3024, 0.4016,
0.3079

■ 24.8876, 0.4976,
0.2791

■ 24.8876, 0.4976,
0.2791

■ 22.4819, 0.5335,
0.2828

■ 28.6070, 0.4614,
0.2800

■ 21.1906, 0.5657,
0.2912


■ 33.7936, 0.4277,
0.2845


■ 20.8700, 0.5772,
0.2953


■ 40.5839, 0.3978,
0.2914

■ 49.0977, 0.3724,
0.2994

■ 59.4431, 0.3513,
0.3079

 71.7193, 0.3340,
0.3164

 86.0186, 0.3199,
0.3244

 99.0656, 0.3096,
0.3290

Harmonies

Analogous

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



24.8876, 0.3728, 0.2152



24.8876, 0.4976, 0.2791



24.8876, 0.5542, 0.3526

Triad

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



24.8876, 0.4976, 0.2791



24.8876, 0.3315, 0.5689



24.8876, 0.1260, 0.1719

Complementary

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



24.8876, 0.4976, 0.2791



73.1002, 0.2531, 0.4071

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.



24.8876, 0.1192, 0.2295



24.8876, 0.4976, 0.2791



24.8876, 0.2252, 0.5022

Square

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



24.8876, 0.4976, 0.2791



24.8876, 0.4388, 0.5202



24.8876, 0.1494, 0.3486



24.8876, 0.1669, 0.1566

Rectangle

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



24.8876, 0.4976, 0.2791



24.8876, 0.5420, 0.4059



24.8876, 0.1494, 0.3486



24.8876, 0.1201, 0.1854

Sweetspot

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



24.8890, 0.4976, 0.2791



65.7814, 0.3458, 0.3105



21.0612, 0.2610, 0.1372



13.1471, 0.3526, 0.3074



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.



24.8890, 0.4976, 0.2791



22.6967, 0.5506, 0.2865



28.8070, 0.5497, 0.3573



17.3139, 0.3245, 0.3217



11.0918, 0.5729, 0.2930



1.0455, 0.5393, 0.2745

Inverse Universe

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



24.8890, 0.4976, 0.2791



22.6967, 0.5506, 0.2865



56.5531, 0.2183, 0.2841



17.3139, 0.3245, 0.3217



11.0918, 0.5729, 0.2930



1.0455, 0.5393, 0.2745

Previews

White Background



This preview shows how the Yxy color 24.8876, 0.4976, 0.2791 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 24.8876, 0.4976, 0.2791 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 24.8876, 0.4976, 0.2791

Background



This preview shows how black text looks on a background with the Yxy color 24.8876, 0.4976, 0.2791.



This preview shows how white text looks on a background with the Yxy color 24.8876, 0.4976, 0.2791.

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

24.8876, 0.4976, 0.2791

Protanopia

25.0981, 0.2870, 0.2912

Deuteranopia

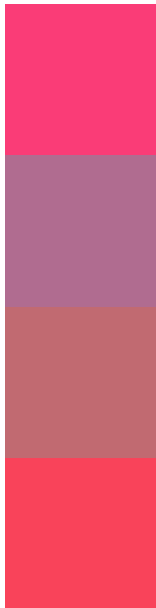
25.1019, 0.3709, 0.3642



Tritanopia

24.9573, 0.5536, 0.3274

Trichromacy



Original Color

24.8876, 0.4976, 0.2791

Protanomaly

21.9688, 0.3564, 0.2767

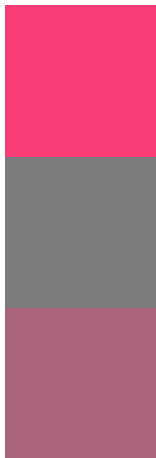
Deuteranomaly

22.8378, 0.4219, 0.3198

Tritanomaly

24.8922, 0.5363, 0.3110

Monochromacy



Original Color

24.8876, 0.4976, 0.2791

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.2585, 0.3817, 0.2971

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8876, 0.4976, 0.2791 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, 60, 119)` looks like.

```
.text, #text, p{  
    color:rgb(250, 60, 119)  
}
```

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, 60, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 60, 119) }
```

Border

The CSS property to change the border of an element to Yxy 24.8876, 0.4976, 0.2791 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, 60, 119) }
```

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

```
.border{ border-color:rgb(250, 60, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 60, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 60, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 60, 119);  
box-shadow:4px 4px 4px 4px rgb(250, 60,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8876, 0.4976, 0.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 60, 119) }
```

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

```
.background{ background-color: rgb(250, 60,  
119) }
```

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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