

Converting Colors

Yxy(26.3387, 0.4984, 0.2909)

Have a look what the booklet for
Yxy(26.3387, 0.4984, 0.2909)
contains.

Yxy(26.4049, 0.4979, 0.2905)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.4049, 0.4979, 0.2905)

Conversions

Conversions Part 1

Format	Color
Hex	FB4874
RGB	251, 72, 116
RGB Percent	98%, 28%, 45%
CMY	0.0156, 0.7177, 0.5451
CMYK	0.00, 0.71, 0.54, 0.02
HSL	345°, 96%, 63%
HSV	345°, 71%, 98%
XYZ	45.2565, 26.4049, 19.2333
YIQ	130.5370, 92.5600, 51.6320

Conversions

Conversions Part 2

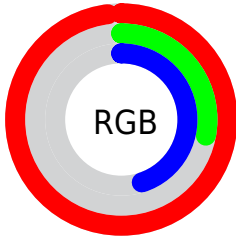
Format	Color
R_{YB}	251, 72, 116
Decimal	16468084
CIE _{Lab}	58.42, 69.66, 16.09
CIE _{LCh}	58, 71.498, 13.007
Yxy	26.4049, 0.4979, 0.2905
Android (android.graphics.Color)	4294658164 (0xFFFB4874)
YUV	130.5370, -7.1667, 105.6461
Hunter-Lab	51.3857, 67.2837, 13.7782

Details

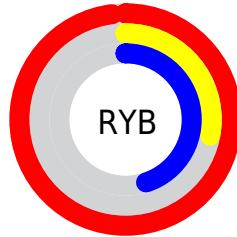
The Yxy color **26.4049, 0.4979, 0.2905** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **74.8846, 0.2493, 0.3855**, and the grayscale version is **22.5244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.5897, 0.4068, 0.2919**, and **11.1087, 0.5535, 0.2823** is the 20% darker color. If you saturate the color by 10%, you get **23.4003, 0.5374, 0.2927**, and if you desaturate by 10%, it is **30.8259, 0.4589, 0.2920**.

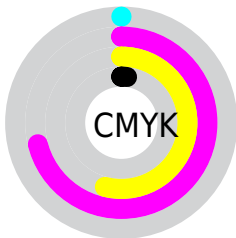
Distribution



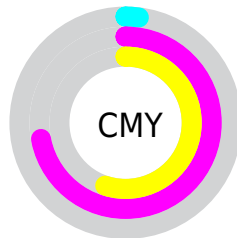
- Red (98%)
- Green (28%)
- Blue (45%)



- Red (98%)
- Yellow (28%)
- Blue (45%)



- Cyan (0%)
- Magenta (71%)
- Yellow (54%)
- Black (2%)




- Cyan (2%)
- Magenta (72%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.4049, 0.4979, 0.2905 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 26.4049, 0.4979, 0.2905 by changing the saturation by 10% instead.


 26.4049, 0.4979,
0.2905


 26.4049, 0.4979,
0.2905

284.7641, 0.3969,
0.3152

 17.1268, 0.5253,
0.2824


 53.9274, 0.4594,
0.3009


 10.3249, 0.5615,
0.2708


 72.9406, 0.4454,
0.3043


 5.6149, 0.6108,
0.2533

 95.9677, 0.4339,
0.3071

 2.6124, 0.6797,
0.2253

 123.3929, 0.4241,
0.3093

 0.9329, 0.8135,
0.1865

 155.6008, 0.4158,
0.3112

 0.0000, 1.0000,
0.0000

192.9757, 0.4086,

 0.0000, 0.0000,

0.3127

0.0000

235.9020, 0.4024,
0.3140

■ 26.4049, 0.4979,
0.2905

■ 26.4049, 0.4979,
0.2905

■ 23.4003, 0.5374,
0.2927

■ 30.8259, 0.4589,
0.2920

■ 21.6293, 0.5733,
0.2991

■ 36.8075, 0.4233,
0.2963


■ 20.8559, 0.5986,
0.3071


■ 44.4810, 0.3925,
0.3021

■ 53.9625, 0.3667,
0.3087

■ 65.3577, 0.3455,
0.3155

 78.7644, 0.3283,
0.3220

 94.2735, 0.3143,
0.3282

 99.2514, 0.3103,
0.3290

Harmonies

Analogous

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



26.4049, 0.3849, 0.2268



26.4049, 0.4979, 0.2905



26.4049, 0.5428, 0.3630

Triad

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



26.4049, 0.4979, 0.2905



26.4049, 0.3209, 0.5537



26.4049, 0.1363, 0.1755

Complementary

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



26.4049, 0.4979, 0.2905



74.8846, 0.2493, 0.3855

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.



26.4049, 0.1261, 0.2263



26.4049, 0.4979, 0.2905



26.4049, 0.2203, 0.4758

Square

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



26.4049, 0.4979, 0.2905



26.4049, 0.4246, 0.5213



26.4049, 0.1516, 0.3324



26.4049, 0.1805, 0.1639

Rectangle

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



26.4049, 0.4979, 0.2905



26.4049, 0.5270, 0.4153



26.4049, 0.1516, 0.3324



26.4049, 0.1293, 0.1873

Sweetspot

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



26.4064, 0.4979, 0.2905



68.1298, 0.3449, 0.3157



24.7586, 0.2765, 0.1513



13.8365, 0.3503, 0.3138



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.



26.4064, 0.4979, 0.2905



23.2351, 0.5552, 0.2953



33.6435, 0.5193, 0.3694



17.2952, 0.3255, 0.3232



10.9808, 0.5947, 0.3049



1.0331, 0.5616, 0.2867

Inverse Universe

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



26.4064, 0.4979, 0.2905



23.2351, 0.5552, 0.2953



52.6100, 0.2176, 0.2711



17.2952, 0.3255, 0.3232



10.9808, 0.5947, 0.3049



1.0331, 0.5616, 0.2867

Previews

White Background



This preview shows how the Yxy color 26.4049, 0.4979, 0.2905 looks on a white background.

Color Contrast Check

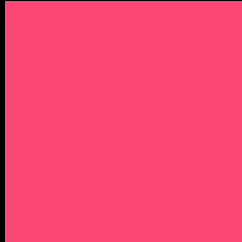
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4049, 0.4979, 0.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

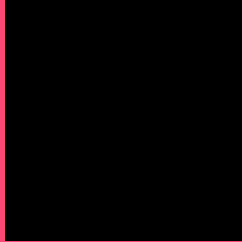
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4049, 0.4979, 0.2905

Background



This preview shows how black text looks on a background with the Yxy color 26.4049, 0.4979, 0.2905.



This preview shows how white text looks on a background with the Yxy color 26.4049, 0.4979, 0.2905.

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

26.4049, 0.4979, 0.2905

Protanopia

26.5336, 0.3029, 0.3127

Deuteranopia

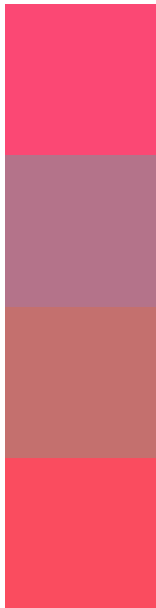
26.3888, 0.3790, 0.3727



Tritanopia

26.3562, 0.5377, 0.3263

Trichromacy



Original Color

26.4049, 0.4979, 0.2905

Protanomaly

23.7997, 0.3673, 0.2959

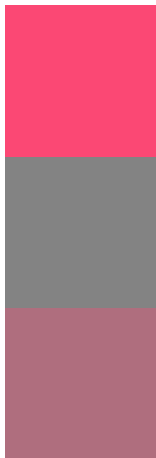
Deuteranomaly

24.4499, 0.4260, 0.3320

Tritanomaly

26.3191, 0.5248, 0.3134

Monochromacy



Original Color

26.4049, 0.4979, 0.2905

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.7722, 0.3789, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4049, 0.4979, 0.2905 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(251, 72, 116)` looks like.

```
.text, #text, p{  
    color:rgb(251, 72, 116)  
}
```

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(251, 72, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 72, 116) }
```

Border

The CSS property to change the border of an element to Yxy 26.4049, 0.4979, 0.2905 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(251, 72, 116) }
```

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

```
.border{ border-color:rgb(251, 72, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 72, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 72, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 72, 116);  
box-shadow:4px 4px 4px 4px rgb(251, 72,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4049, 0.4979, 0.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 72, 116) }
```

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

```
.background{ background-color: rgb(251, 72,  
116) }
```

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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