

Converting Colors

$Y_{xy}(26.3031, 0.4805, 0.2681)$

Have a look what the booklet for
Yxy(26.3031, 0.4805, 0.2681)
contains.

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Color

Yxy(26.2909, 0.4800, 0.2677)

Conversions

Conversions Part 1

Format	Color
Hex	FF3D85
RGB	255, 61, 133
RGB Percent	100%, 24%, 52%
CMY	0.0000, 0.7607, 0.4784
CMYK	0.00, 0.76, 0.48, 0.00
HSL	338°, 100%, 62%
HSV	338°, 76%, 100%
XYZ	47.1409, 26.2909, 24.7785
YIQ	127.2140, 92.5120, 63.5200

Conversions

Conversions Part 2

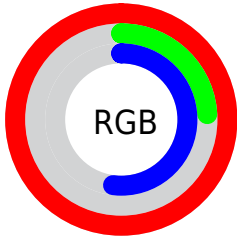
Format	Color
R_{YB}	255, 61, 133
Decimal	16727429
CIE _{Lab}	58.31, 75.47, 6.02
CIE _{LCh}	58, 75.711, 4.560
Yxy	26.2909, 0.4800, 0.2677
Android (android.graphics.Color)	4294917509 (0xFFFF3D85)
YUV	127.2140, 2.8525, 112.0683
Hunter-Lab	51.2747, 74.3789, 7.2404

Details

The Yxy color **26.2909, 0.4800, 0.2677** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **75.9299, 0.2580, 0.4237**, and the grayscale version is **21.2706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4724, 0.3882, 0.2668**, and **11.8466, 0.5229, 0.2654** is the 20% darker color. If you saturate the color by 10%, you get **23.7756, 0.5128, 0.2706**, and if you desaturate by 10%, it is **30.1694, 0.4474, 0.2698**.

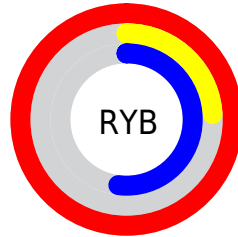
Distribution



Red (100%)

Green (24%)

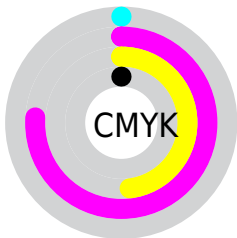
Blue (52%)



Red (100%)

Yellow (24%)

Blue (52%)

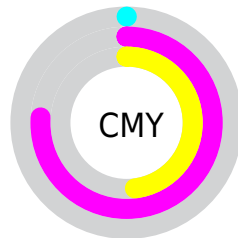


Cyan (0%)

Magenta (76%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (76%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2909, 0.4800, 0.2677 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 26.2909, 0.4800, 0.2677 by changing the saturation by 10% instead.


 26.2909, 0.4800,
0.2677


 26.2909, 0.4800,
0.2677


284.2072, 0.3892,
0.3022


 17.0414, 0.5047,
0.2578


 53.7439, 0.4454,
0.2812

 10.2640, 0.5374,
0.2445


 72.7161, 0.4329,
0.2860

 5.5744, 0.5823,
0.2256

 95.6981, 0.4225,
0.2899

 2.5880, 0.6467,
0.1975

 123.0741, 0.4138,
0.2932

 0.9207, 0.7478,
0.1546

 155.2287, 0.4063,
0.2960

 0.0000, 1.0000,
0.0000

192.5461, 0.3998,

 0.0000, 0.0000,

0.2983

0.0000

235.4108, 0.3942,
0.3004

■ 26.2909, 0.4800,
0.2677

■ 26.2909, 0.4800,
0.2677

■ 23.7756, 0.5128,
0.2706

■ 30.1694, 0.4474,
0.2698

■ 22.4148, 0.5433,
0.2787

■ 35.5715, 0.4171,
0.2756

■ 22.0784, 0.5544,
0.2828

■ 42.6398, 0.3903,
0.2840

■ 51.4990, 0.3674,
0.2936

■ 62.2620, 0.3482,
0.3038

75.0321, 0.3324,
0.3138

89.9055, 0.3194,
0.3235

99.9992, 0.3127,
0.3290

Harmonies

Analogous

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



26.2909, 0.3506, 0.2064



26.2909, 0.4800, 0.2677



26.2909, 0.5511, 0.3401

Triad

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



26.2909, 0.4800, 0.2677



26.2909, 0.3498, 0.5668



26.2909, 0.1227, 0.1780

Complementary

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



26.2909, 0.4800, 0.2677



75.9299, 0.2580, 0.4237

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.



26.2909, 0.1214, 0.2446



26.2909, 0.4800, 0.2677



26.2909, 0.2415, 0.5222

Square

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



26.2909, 0.4800, 0.2677



26.2909, 0.4550, 0.5067



26.2909, 0.1587, 0.3740



26.2909, 0.1577, 0.1569

Rectangle

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



26.2909, 0.4800, 0.2677



26.2909, 0.5481, 0.3923



26.2909, 0.1587, 0.3740



26.2909, 0.1186, 0.1941

Sweetspot

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



26.2924, 0.4800, 0.2677



65.9657, 0.3430, 0.3069



20.3398, 0.2488, 0.1308



13.1911, 0.3492, 0.3032



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.



26.2924, 0.4800, 0.2677



22.9760, 0.5283, 0.2740



27.8832, 0.5616, 0.3463



18.0985, 0.3236, 0.3202



11.5633, 0.5501, 0.2804



1.1461, 0.5190, 0.2633

Inverse Universe

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



26.2924, 0.4800, 0.2677



22.9760, 0.5283, 0.2740



66.1317, 0.2226, 0.3008



18.0985, 0.3236, 0.3202



11.5633, 0.5501, 0.2804



1.1461, 0.5190, 0.2633

Previews

White Background



This preview shows how the Yxy color 26.2909, 0.4800, 0.2677 looks on a white background.

Color Contrast Check

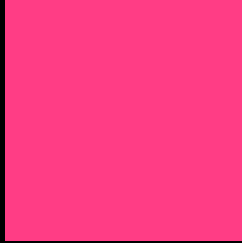
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2909, 0.4800, 0.2677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

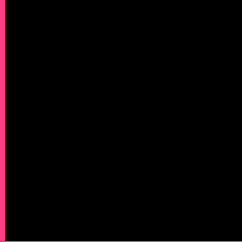
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2909, 0.4800, 0.2677

Background



This preview shows how black text looks on a background with the Yxy color 26.2909, 0.4800, 0.2677.



This preview shows how white text looks on a background with the Yxy color 26.2909, 0.4800, 0.2677.

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

26.2909, 0.4800, 0.2677

Protanopia

26.4649, 0.2699, 0.2692

Deuteranopia

26.2568, 0.3536, 0.3465



Tritanopia

26.2921, 0.5474, 0.3266

Trichromacy



Original Color

26.2909, 0.4800, 0.2677



Protanomaly

23.1722, 0.3343, 0.2580



Deuteranomaly

23.8595, 0.4034, 0.3037



Tritanomaly

26.1638, 0.5251, 0.3057

Monochromacy



Original Color

26.2909, 0.4800, 0.2677



Achromatopsia

21.2231, 0.3127, 0.3290



Achromatomaly

20.2841, 0.3761, 0.2904

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2909, 0.4800, 0.2677 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(255, 61, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 133)  
}
```

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(255, 61, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 133) }
```

Border

The CSS property to change the border of an element to Yxy 26.2909, 0.4800, 0.2677 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(255, 61, 133) }
```

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

```
.border{ border-color:rgb(255, 61, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 61, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2909, 0.4800, 0.2677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 133) }
```

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

```
.background{ background-color: rgb(255, 61,  
133) }
```

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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