

Converting Colors

$Y_{xy}(26.5870, 0.4674, 0.2602)$

Have a look what the booklet for
Yxy(26.5870, 0.4674, 0.2602)
contains.

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Color

Yxy(26.6283, 0.4673, 0.2605)

Conversions

Conversions Part 1

Format	Color
Hex	FF3E8D
RGB	255, 62, 141
RGB Percent	100%, 24%, 55%
CMY	0.0000, 0.7567, 0.4470
CMYK	0.00, 0.76, 0.45, 0.00
HSL	335°, 100%, 62%
HSV	335°, 76%, 100%
XYZ	47.7674, 26.6283, 27.8243
YIQ	128.7130, 89.6690, 65.4850

Conversions

Conversions Part 2

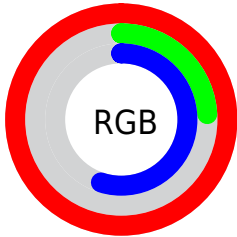
Format	Color
R _Y B	255, 62, 141
Decimal	16727693
CIE Lab	58.63, 75.85, 1.75
CIE LCh	59, 75.873, 1.324
Yxy	26.6283, 0.4673, 0.2605
Android (android.graphics.Color)	4294917773 (0xFFFF3E8D)
YUV	128.7130, 6.0575, 110.7537
Hunter-Lab	51.6026, 74.9289, 4.1525

Details

The Yxy color **26.6283, 0.4673, 0.2605** 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 **75.6723, 0.2612, 0.4336**, and the grayscale version is **21.8080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0768, 0.3790, 0.2599**, and **11.9618, 0.5076, 0.2570** is the 20% darker color. If you saturate the color by 10%, you get **24.0569, 0.4980, 0.2625**, and if you desaturate by 10%, it is **30.5632, 0.4371, 0.2635**.

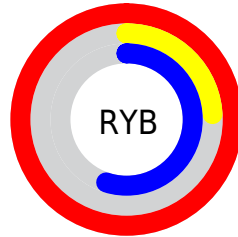
Distribution



Red (100%)

Green (24%)

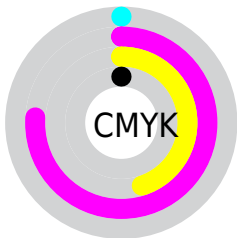
Blue (55%)



Red (100%)

Yellow (24%)

Blue (55%)

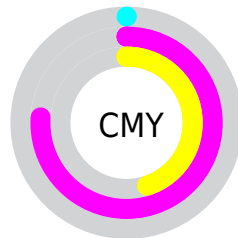


Cyan (0%)

Magenta (76%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6283, 0.4673, 0.2605 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 26.6283, 0.4673, 0.2605 by changing the saturation by 10% instead.


 26.6283, 0.4673,
0.2605


 26.6283, 0.4673,
0.2605


285.8529, 0.3839,
0.2978


 17.2943, 0.4899,
0.2503


 54.2868, 0.4356,
0.2748


 10.4445, 0.5198,
0.2366


 73.3801, 0.4241,
0.2799

 5.6947, 0.5610,
0.2177

 96.4953, 0.4146,
0.2842

 2.6603, 0.6203,
0.1902

 124.0167, 0.4065,
0.2878

 0.9571, 0.7098,
0.1482

 156.3288, 0.3996,
0.2908

 0.0000, 1.0000,
0.0000

193.8159, 0.3937,

 0.0000, 0.0000,

0.2935

0.0000

236.8625, 0.3885,
0.2958

■ 26.6283, 0.4673,
0.2605

■ 26.6283, 0.4673,
0.2605

■ 24.0569, 0.4980,
0.2625

■ 30.5632, 0.4371,
0.2635

■ 22.6429, 0.5270,
0.2699

■ 36.0201, 0.4092,
0.2704


■ 22.2645, 0.5388,
0.2742

■ 43.1404, 0.3845,
0.2798

■ 52.0478, 0.3633,
0.2905

■ 62.8544, 0.3455,
0.3017

 75.6627, 0.3307,
0.3127

 90.5682, 0.3186,
0.3233

99.9976, 0.3127,
0.3290

Harmonies

Analogous

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



26.6283, 0.3362, 0.2012



26.6283, 0.4673, 0.2605



26.6283, 0.5474, 0.3321

Triad

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



26.6283, 0.4673, 0.2605



26.6283, 0.3617, 0.5634



26.6283, 0.1213, 0.1829

Complementary

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



26.6283, 0.4673, 0.2605



75.6723, 0.2612, 0.4336

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.



26.6283, 0.1237, 0.2556



26.6283, 0.4673, 0.2605



26.6283, 0.2528, 0.5332

Square

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



26.6283, 0.4673, 0.2605



26.6283, 0.4651, 0.4974



26.6283, 0.1658, 0.3909



26.6283, 0.1524, 0.1578

Rectangle

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



26.6283, 0.4673, 0.2605



26.6283, 0.5508, 0.3836



26.6283, 0.1658, 0.3909



26.6283, 0.1183, 0.2008

Sweetspot

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



26.6298, 0.4673, 0.2605



66.0841, 0.3413, 0.3046



19.7346, 0.2433, 0.1285



13.2194, 0.3470, 0.3006



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.



26.6298, 0.4673, 0.2605



23.1771, 0.5138, 0.2657



27.0706, 0.5652, 0.3412



18.1103, 0.3230, 0.3193



11.6628, 0.5346, 0.2719



1.1566, 0.5048, 0.2555

Inverse Universe

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



26.6298, 0.4673, 0.2605



23.1771, 0.5138, 0.2657



69.9235, 0.2249, 0.3091



18.1103, 0.3230, 0.3193



11.6628, 0.5346, 0.2719



1.1566, 0.5048, 0.2555

Previews

White Background



This preview shows how the Yxy color 26.6283, 0.4673, 0.2605 looks on a white background.

Color Contrast Check

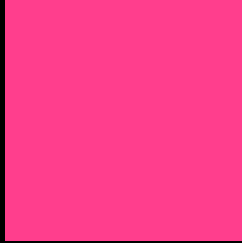
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6283, 0.4673, 0.2605 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 26.6283, 0.4673, 0.2605

Background



This preview shows how black text looks on a background with the Yxy color 26.6283, 0.4673, 0.2605.



This preview shows how white text looks on a background with the Yxy color 26.6283, 0.4673, 0.2605.

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

26.6283, 0.4673, 0.2605

Protanopia

26.9332, 0.2596, 0.2566

Deuteranopia

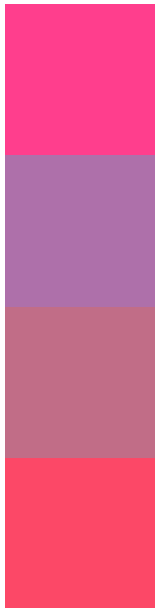
26.5434, 0.3420, 0.3354



Tritanopia

26.5672, 0.5410, 0.3264

Trichromacy



Original Color

26.6283, 0.4673, 0.2605

Protanomaly

23.4893, 0.3213, 0.2474

Deuteranomaly

24.0240, 0.3895, 0.2939

Tritanomaly

26.3094, 0.5176, 0.3032

Monochromacy



Original Color

26.6283, 0.4673, 0.2605

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

20.9106, 0.3710, 0.2877

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6283, 0.4673, 0.2605 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, 62, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 62, 141)  
}
```

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, 62, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 62, 141) }
```

Border

The CSS property to change the border of an element to Yxy 26.6283, 0.4673, 0.2605 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, 62, 141) }
```

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

```
.border{ border-color:rgb(255, 62, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 62, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 62, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 62, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 62,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6283, 0.4673, 0.2605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 62, 141) }
```

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

```
.background{ background-color: rgb(255, 62,  
141) }
```

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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