

Converting Colors

Yxy(26.6816, 0.4874, 0.2766)

Have a look what the booklet for
Yxy(26.6816, 0.4874, 0.2766)
contains.

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Color

Yxy(26.6887, 0.4874, 0.2767)

Conversions

Conversions Part 1

Format	Color
Hex	FF427F
RGB	255, 66, 127
RGB Percent	100%, 26%, 50%
CMY	0.0001, 0.7409, 0.5019
CMYK	0.00, 0.74, 0.50, 0.00
HSL	341°, 100%, 63%
HSV	341°, 74%, 100%
XYZ	47.0115, 26.6887, 22.7534
YIQ	129.4650, 93.0630, 59.0390

Conversions

Conversions Part 2

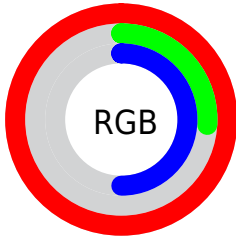
Format	Color
R_{YB}	255, 66, 127
Decimal	16728703
CIE Lab	58.69, 73.50, 10.08
CIE LCh	59, 74.190, 7.811
Yxy	26.6887, 0.4874, 0.2767
Android (android.graphics.Color)	4294918783 (0xFFFF427F)
YUV	129.4650, -1.2152, 110.0942
Hunter-Lab	51.6611, 72.0276, 10.0493

Details

The Yxy color **26.6887, 0.4874, 0.2767** 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 **76.5583, 0.2545, 0.4081**, and the grayscale version is **22.1136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9530, 0.3954, 0.2767**, and **11.7565, 0.5359, 0.2726** is the 20% darker color. If you saturate the color by 10%, you get **23.9302, 0.5230, 0.2793**, and if you desaturate by 10%, it is **30.8541, 0.4522, 0.2786**.

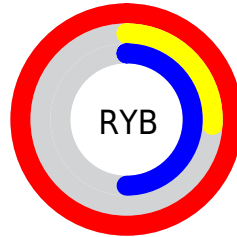
Distribution



Red (100%)

Green (26%)

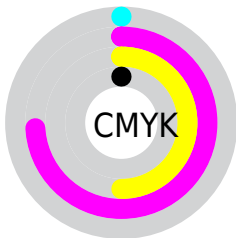
Blue (50%)



Red (100%)

Yellow (26%)

Blue (50%)

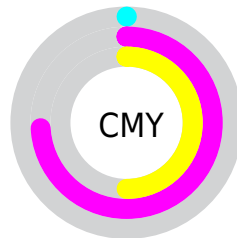


Cyan (0%)

Magenta (74%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (74%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6887, 0.4874, 0.2767 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 26.6887, 0.4874, 0.2767 by changing the saturation by 10% instead.


 26.6887, 0.4874,
0.2767


 26.6887, 0.4874,
0.2767


286.1467, 0.3925,
0.3073

 17.3396, 0.5132,
0.2676


 54.3839, 0.4513,
0.2889


 10.4769, 0.5472,
0.2550


 73.4988, 0.4382,
0.2932


 5.7163, 0.5938,
0.2369

 96.6377, 0.4273,
0.2966

 2.6733, 0.6599,
0.2092

 124.1851, 0.4182,
0.2995

 0.9637, 0.7723,
0.1681

 156.5253, 0.4103,
0.3019

 0.0000, 1.0000,
0.0000

194.0426, 0.4036,

 0.0000, 0.0000,

0.3040

0.0000

237.1217, 0.3977,
0.3057

■ 26.6887, 0.4874,
0.2767

■ 26.6887, 0.4874,
0.2767

■ 23.9302, 0.5230,
0.2793

■ 30.8541, 0.4522,
0.2786

■ 22.3788, 0.5558,
0.2869

■ 36.5819, 0.4197,
0.2839


■ 21.8677, 0.5730,
0.2930

■ 44.0119, 0.3913,
0.2914

■ 53.2667, 0.3672,
0.2999

■ 64.4579, 0.3472,
0.3088

 77.6878, 0.3308,
0.3175

 93.0517, 0.3174,
0.3258

99.9946, 0.3127,
0.3290

Harmonies

Analogous

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



26.6887, 0.3641, 0.2144



26.6887, 0.4874, 0.2767



26.6887, 0.5481, 0.3491

Triad

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



26.6887, 0.4874, 0.2767



26.6887, 0.3385, 0.5625



26.6887, 0.1280, 0.1770

Complementary

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



26.6887, 0.4874, 0.2767



76.5583, 0.2545, 0.4081

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.



26.6887, 0.1233, 0.2371



26.6887, 0.4874, 0.2767



26.6887, 0.2332, 0.5040

Square

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



26.6887, 0.4874, 0.2767



26.6887, 0.4430, 0.5128



26.6887, 0.1559, 0.3569



26.6887, 0.1665, 0.1597

Rectangle

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



26.6887, 0.4874, 0.2767



26.6887, 0.5399, 0.4013



26.6887, 0.1559, 0.3569



26.6887, 0.1228, 0.1913

Sweetspot

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



26.6902, 0.4874, 0.2767



67.0705, 0.3435, 0.3106



22.3279, 0.2596, 0.1389



13.6392, 0.3483, 0.3082



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.



26.6902, 0.4874, 0.2767



23.0377, 0.5397, 0.2825



30.2988, 0.5450, 0.3548



18.0837, 0.3243, 0.3214



11.4533, 0.5687, 0.2906



1.1342, 0.5368, 0.2731

Inverse Universe

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



26.6902, 0.4874, 0.2767



23.0377, 0.5397, 0.2825



61.4139, 0.2206, 0.2894



18.0837, 0.3243, 0.3214



11.4533, 0.5687, 0.2906



1.1342, 0.5368, 0.2731

Previews

White Background



This preview shows how the Yxy color 26.6887, 0.4874, 0.2767 looks on a white background.

Color Contrast Check

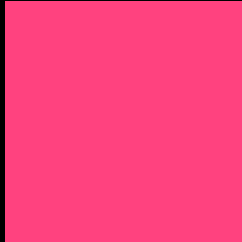
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6887, 0.4874, 0.2767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

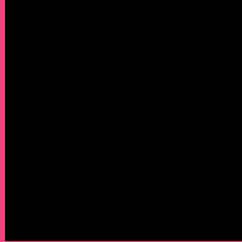
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6887, 0.4874, 0.2767

Background



This preview shows how black text looks on a background with the Yxy color 26.6887, 0.4874, 0.2767.



This preview shows how white text looks on a background with the Yxy color 26.6887, 0.4874, 0.2767.

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

26.6887, 0.4874, 0.2767

Protanopia

26.7804, 0.2831, 0.2861

Deuteranopia

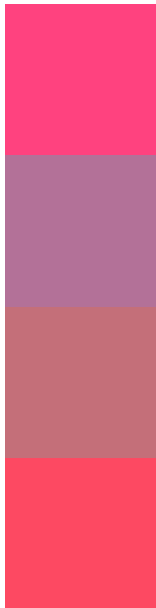
26.7029, 0.3636, 0.3573



Tritanopia

26.5973, 0.5436, 0.3265

Trichromacy



Original Color

26.6887, 0.4874, 0.2767

Protanomaly

23.6610, 0.3487, 0.2735

Deuteranomaly

24.4851, 0.4115, 0.3159

Tritanomaly

26.5296, 0.5248, 0.3088

Monochromacy



Original Color

26.6887, 0.4874, 0.2767

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

20.9805, 0.3777, 0.2964

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6887, 0.4874, 0.2767 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, 66, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 127)  
}
```

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, 66, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 127) }
```

Border

The CSS property to change the border of an element to Yxy 26.6887, 0.4874, 0.2767 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, 66, 127) }
```

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

```
.border{ border-color:rgb(255, 66, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 66, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6887, 0.4874, 0.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 127) }
```

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

```
.background{ background-color: rgb(255, 66,  
127) }
```

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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