

Converting Colors

$Y_{xy}(26.7303, 0.4556, 0.2521)$

Have a look what the booklet for
Yxy(26.7303, 0.4556, 0.2521)
contains.

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Color

Yxy(26.7674, 0.4553, 0.2522)

Conversions

Conversions Part 1

Format	Color
Hex	FF3D95
RGB	255, 61, 149
RGB Percent	100%, 24%, 58%
CMY	0.0001, 0.7605, 0.4158
CMYK	0.00, 0.76, 0.42, 0.00
HSL	333°, 100%, 62%
HSV	333°, 76%, 100%
XYZ	48.3235, 26.7674, 31.0447
YIQ	129.0380, 87.3760, 68.4960

Conversions

Conversions Part 2

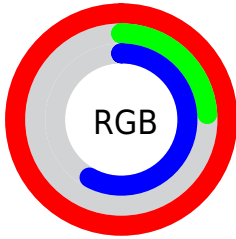
Format	Color
R _Y B	255, 61, 149
Decimal	16727445
CIE Lab	58.76, 76.83, -2.74
CIE LCh	59, 76.879, 357.956
Yxy	26.7674, 0.4553, 0.2522
Android (android.graphics.Color)	4294917525 (0xFFFF3D95)
YUV	129.0380, 9.8413, 110.4687
Hunter-Lab	51.7372, 76.1822, 0.6394

Details

The Yxy color **26.7674, 0.4553, 0.2522** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **75.2866, 0.2647, 0.4462**, and the grayscale version is **21.9207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2390, 0.3693, 0.2504**, and **12.2383, 0.4911, 0.2479** is the 20% darker color. If you saturate the color by 10%, you get **24.2409, 0.4833, 0.2535**, and if you desaturate by 10%, it is **30.6428, 0.4279, 0.2560**.

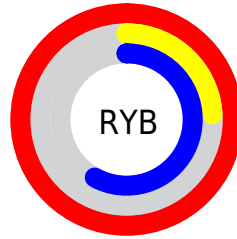
Distribution



Red (100%)

Green (24%)

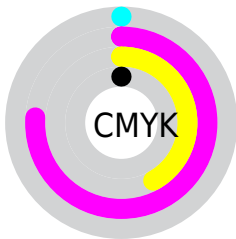
Blue (58%)



Red (100%)

Yellow (24%)

Blue (58%)

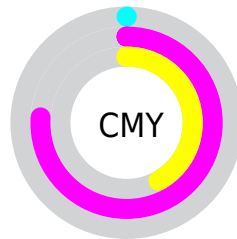


Cyan (0%)

Magenta (76%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (76%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7674, 0.4553, 0.2522 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 26.7674, 0.4553, 0.2522 by changing the saturation by 10% instead.


 26.7674, 0.4553,
0.2522


 26.7674, 0.4553,
0.2522


286.5291, 0.3789,
0.2929


 17.3986, 0.4759,
0.2414


 54.5104, 0.4264,
0.2675


 10.5191, 0.5031,
0.2273


 73.6534, 0.4159,
0.2731


 5.7445, 0.5405,
0.2080


 96.8232, 0.4071,
0.2777

 2.6903, 0.5944,
0.1806

 124.4043, 0.3997,
0.2817

 0.9723, 0.6765,
0.1399

 156.7811, 0.3934,
0.2851

 0.0000, 0.9804,
0.0000

194.3379, 0.3879,

 0.0000, 1.0000,

0.2880

0.0000

237.4591, 0.3831,
0.2906

■ 0.0000, 0.0000,
0.0000

■ 26.7674, 0.4553,
0.2522

■ 26.7674, 0.4553,
0.2522

■ 24.2409, 0.4833,
0.2535

■ 30.6428, 0.4279,
0.2560

■ 22.8559, 0.5101,
0.2602


■ 36.0263, 0.4024,
0.2638

■ 22.5054, 0.5202,
0.2639

■ 43.0594, 0.3798,
0.2742

■ 51.8658, 0.3602,
0.2860

■ 62.5574, 0.3437,
0.2983

 75.2368, 0.3300,
0.3105

 89.9992, 0.3186,
0.3223

99.9940, 0.3127,
0.3290

Harmonies

Analogous

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



26.7674, 0.3216, 0.1947



26.7674, 0.4553, 0.2522



26.7674, 0.5452, 0.3232

Triad

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



26.7674, 0.4553, 0.2522



26.7674, 0.3738, 0.5614



26.7674, 0.1184, 0.1869

Complementary

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



26.7674, 0.4553, 0.2522



75.2866, 0.2647, 0.4462

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.



26.7674, 0.1247, 0.2668



26.7674, 0.4553, 0.2522



26.7674, 0.2637, 0.5464

Square

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



26.7674, 0.4553, 0.2522



26.7674, 0.4763, 0.4886



26.7674, 0.1720, 0.4097



26.7674, 0.1458, 0.1574

Rectangle

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



26.7674, 0.4553, 0.2522



26.7674, 0.5551, 0.3744



26.7674, 0.1720, 0.4097



26.7674, 0.1166, 0.2068

Sweetspot

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



26.7689, 0.4553, 0.2522



66.2224, 0.3392, 0.3021



18.5079, 0.2343, 0.1234



13.2526, 0.3446, 0.2976



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.



26.7689, 0.4553, 0.2522



23.4333, 0.4968, 0.2561



25.6705, 0.5741, 0.3341



18.1240, 0.3223, 0.3183



11.7921, 0.5162, 0.2617



1.1698, 0.4883, 0.2464

Inverse Universe

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



26.7689, 0.4553, 0.2522



23.4333, 0.4968, 0.2561



75.6583, 0.2278, 0.3210



18.1240, 0.3223, 0.3183



11.7921, 0.5162, 0.2617



1.1698, 0.4883, 0.2464

Previews

White Background



This preview shows how the Yxy color 26.7674, 0.4553, 0.2522 looks on a white background.

Color Contrast Check

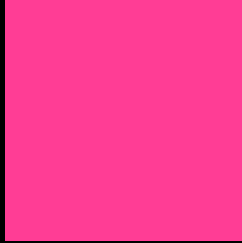
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7674, 0.4553, 0.2522 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 26.7674, 0.4553, 0.2522

Background



This preview shows how black text looks on a background with the Yxy color 26.7674, 0.4553, 0.2522.



This preview shows how white text looks on a background with the Yxy color 26.7674, 0.4553, 0.2522.

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

26.7674, 0.4553, 0.2522

Protanopia

27.1185, 0.2485, 0.2417

Deuteranopia

26.8233, 0.3319, 0.3259



Tritanopia

26.7257, 0.5391, 0.3264

Trichromacy



Original Color

26.7674, 0.4553, 0.2522



Protanomaly

23.4348, 0.3080, 0.2333



Deuteranomaly

24.1269, 0.3773, 0.2830



Tritanomaly

26.3917, 0.5119, 0.2995

Monochromacy



Original Color

26.7674, 0.4553, 0.2522



Achromatopsia

21.9526, 0.3127, 0.3290



Achromatomaly

20.7922, 0.3671, 0.2819

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7674, 0.4553, 0.2522 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 149) }
```

Border

The CSS property to change the border of an element to Yxy 26.7674, 0.4553, 0.2522 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, 149) }
```

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

```
.border{ border-color:rgb(255, 61, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7674, 0.4553, 0.2522 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, 149) }
```

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

```
.background{ background-color: rgb(255, 61,  
149) }
```

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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