

Converting Colors

$Yxy(24.5483, 0.4844, 0.2567)$

Have a look what the booklet for
Yxy(24.5483, 0.4844, 0.2567)
contains.

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Color

Yxy(24.5671, 0.4839, 0.2566)

Conversions

Conversions Part 1

Format	Color
Hex	FF2986
RGB	255, 41, 134
RGB Percent	100%, 16%, 53%
CMY	0.0001, 0.8389, 0.4746
CMYK	0.00, 0.84, 0.47, 0.00
HSL	334°, 100%, 58%
HSV	334°, 84%, 100%
XYZ	46.3290, 24.5671, 24.8447
YIQ	115.5880, 97.6910, 74.2910

Conversions

Conversions Part 2

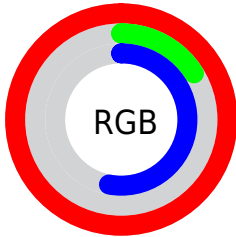
Format	Color
R_{YB}	255, 41, 134
Decimal	16722310
CIE _{Lab}	56.65, 80.35, 3.05
CIE _{LCh}	57, 80.403, 2.171
Yxy	24.5671, 0.4839, 0.2566
Android (android.graphics.Color)	4294912390 (0xFFFF2986)
YUV	115.5880, 9.0771, 122.2643
Hunter-Lab	49.5652, 80.1062, 4.9763

Details

The Yxy color **24.5671, 0.4839, 0.2566** 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 **74.5920, 0.2632, 0.4544**, and the grayscale version is **17.2952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.6581, 0.3899, 0.2547**, and **11.8623, 0.5208, 0.2642** is the 20% darker color. If you saturate the color by 10%, you get **22.9598, 0.5121, 0.2626**, and if you desaturate by 10%, it is **27.3721, 0.4547, 0.2561**.

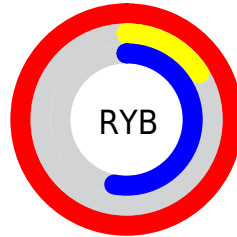
Distribution



Red (100%)

Green (16%)

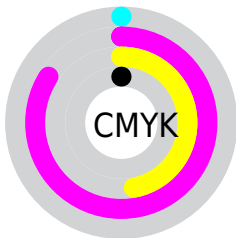
Blue (53%)



Red (100%)

Yellow (16%)

Blue (53%)

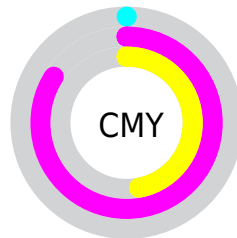


Cyan (0%)

Magenta (84%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (84%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5671, 0.4839, 0.2566 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 24.5671, 0.4839, 0.2566 by changing the saturation by 10% instead.


 24.5671, 0.4839,
0.2566


 24.5671, 0.4839,
0.2566


275.6751, 0.3906,
0.2967


 15.7548, 0.5094,
0.2454


 50.9541, 0.4482,
0.2721

 9.3508, 0.5434,
0.2303


 69.2975, 0.4354,
0.2777

 4.9707, 0.5901,
0.2092

 91.5869, 0.4247,
0.2822

 2.2301, 0.6572,
0.1784

 118.2064, 0.4157,
0.2861

 0.7363, 0.7639,
0.1312

 149.5407, 0.4080,
0.2894

 0.0000, 1.0000,
0.0000

185.9739, 0.4014,

 0.0000, 0.0000,

0.2922

0.0000

227.8906, 0.3956,
0.2946

■ 24.5671, 0.4839,
0.2566

■ 24.5671, 0.4839,
0.2566

■ 22.9598, 0.5121,
0.2626

■ 27.3721, 0.4547,
0.2561


■ 22.3978, 0.5283,
0.2684


■ 31.5629, 0.4264,
0.2605


■ 37.2988, 0.4004,
0.2685

■ 44.7161, 0.3775,
0.2788

■ 53.9360, 0.3579,
0.2903

 65.0682, 0.3414,
0.3021

 78.2139, 0.3278,
0.3138

 93.4668, 0.3165,
0.3249

99.9961, 0.3127,
0.3290

Harmonies

Analogous

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



24.5671, 0.3412, 0.1943



24.5671, 0.4839, 0.2566



24.5671, 0.5668, 0.3306

Triad

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



24.5671, 0.4839, 0.2566



24.5671, 0.3565, 0.5830



24.5671, 0.1109, 0.1712

Complementary

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



24.5671, 0.4839, 0.2566



74.5920, 0.2632, 0.4544

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.



24.5671, 0.1115, 0.2447



24.5671, 0.4839, 0.2566



24.5671, 0.2421, 0.5516

Square

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



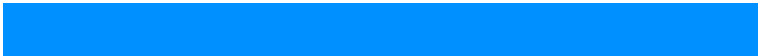
24.5671, 0.4839, 0.2566



24.5671, 0.4678, 0.5068



24.5671, 0.1525, 0.3905



24.5671, 0.1440, 0.1472

Rectangle

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



24.5671, 0.4839, 0.2566



24.5671, 0.5659, 0.3840



24.5671, 0.1525, 0.3905



24.5671, 0.1074, 0.1889

Sweetspot

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



24.5685, 0.4839, 0.2566



63.7418, 0.3431, 0.3008



16.1538, 0.2279, 0.1112



12.7747, 0.3487, 0.2967



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.



24.5685, 0.4839, 0.2566



22.4019, 0.5283, 0.2684



23.8534, 0.6022, 0.3352



18.1181, 0.3226, 0.3187



11.7342, 0.5242, 0.2662



1.1640, 0.4955, 0.2503

Inverse Universe

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



24.5685, 0.4839, 0.2566



22.4019, 0.5283, 0.2684



72.5648, 0.2236, 0.3157



18.1181, 0.3226, 0.3187



11.7342, 0.5242, 0.2662



1.1640, 0.4955, 0.2503

Previews

White Background



This preview shows how the Yxy color 24.5671, 0.4839, 0.2566 looks on a white background.

Color Contrast Check

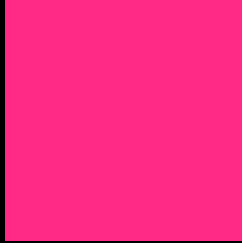
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5671, 0.4839, 0.2566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

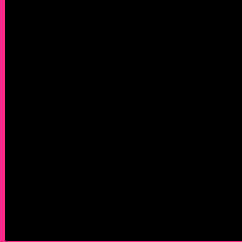
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5671, 0.4839, 0.2566

Background



This preview shows how black text looks on a background with the Yxy color 24.5671, 0.4839, 0.2566.



This preview shows how white text looks on a background with the Yxy color 24.5671, 0.4839, 0.2566.

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

24.5671, 0.4839, 0.2566

Protanopia

24.9381, 0.2534, 0.2487

Deuteranopia

24.5579, 0.3477, 0.3405



Tritanopia

24.5694, 0.5694, 0.3284

Trichromacy



Original Color

24.5671, 0.4839, 0.2566



Protanomaly

20.6434, 0.3209, 0.2348



Deuteranomaly

21.3702, 0.4015, 0.2884



Tritanomaly

24.2791, 0.5430, 0.3034

Monochromacy



Original Color

24.5671, 0.4839, 0.2566



Achromatopsia

17.4647, 0.3127, 0.3290



Achromatomaly

16.7903, 0.3807, 0.2769

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5671, 0.4839, 0.2566 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, 41, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 41, 134)  
}
```

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, 41, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 41, 134) }
```

Border

The CSS property to change the border of an element to Yxy 24.5671, 0.4839, 0.2566 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, 41, 134) }
```

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

```
.border{ border-color:rgb(255, 41, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 41, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 41, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 41, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 41,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5671, 0.4839, 0.2566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 41, 134) }
```

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

```
.background{ background-color: rgb(255, 41,  
134) }
```

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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