

Converting Colors

$Yxy(24.9227, 0.4919, 0.2669)$

Have a look what the booklet for
Yxy(24.9227, 0.4919, 0.2669)
contains.

Yxy(24.8843, 0.4919, 0.2670)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.8843, 0.4919, 0.2670)

Conversions

Conversions Part 1

Format	Color
Hex	FE327F
RGB	254, 50, 127
RGB Percent	100%, 20%, 50%
CMY	0.0039, 0.8039, 0.5019
CMYK	0.00, 0.80, 0.50, 0.00
HSL	337°, 99%, 60%
HSV	337°, 80%, 100%
XYZ	45.8449, 24.8843, 22.4704
YIQ	119.7740, 96.8670, 67.1950

Conversions

Conversions Part 2

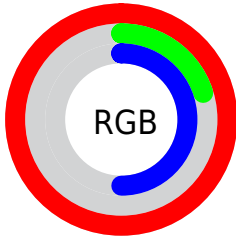
Format	Color
R_{YB}	254, 50, 127
Decimal	16659071
CIE _{Lab}	56.96, 77.63, 7.61
CIE _{LCh}	57, 78.000, 5.597
Yxy	24.8843, 0.4919, 0.2670
Android (android.graphics.Color)	4294849151 (0xFFFE327F)
YUV	119.7740, 3.5624, 117.7162
Hunter-Lab	49.8842, 76.7490, 8.2116

Details

The Yxy color **24.8843, 0.4919, 0.2670** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **74.7356, 0.2582, 0.4318**, and the grayscale version is **18.6746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2373, 0.3985, 0.2662**, and **11.6264, 0.5350, 0.2721** is the 20% darker color. If you saturate the color by 10%, you get **22.9017, 0.5237, 0.2720**, and if you desaturate by 10%, it is **28.1371, 0.4593, 0.2672**.

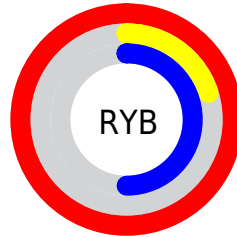
Distribution



Red (100%)

Green (20%)

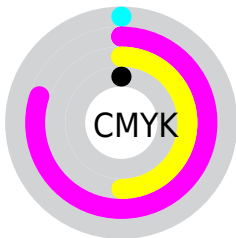
Blue (50%)



Red (100%)

Yellow (20%)

Blue (50%)

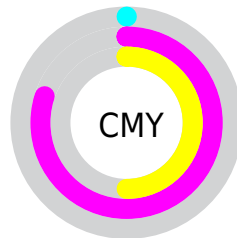


Cyan (0%)

Magenta (80%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8843, 0.4919, 0.2670 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 24.8843, 0.4919, 0.2670 by changing the saturation by 10% instead.


 24.8843, 0.4919,
0.2670


 24.8843, 0.4919,
0.2670


277.2613, 0.3939,
0.3026


 15.9909, 0.5187,
0.2566


 51.4695, 0.4544,
0.2811


 9.5177, 0.5543,
0.2424


 69.9300, 0.4409,
0.2860


 5.0804, 0.6033,
0.2221

 92.3483, 0.4297,
0.2901

 2.2945, 0.6730,
0.1915

 119.1089, 0.4203,
0.2934

 0.7708, 0.7953,
0.1464

 150.5961, 0.4122,
0.2963

 0.0000, 1.0000,
0.0000

187.1943, 0.4053,

 0.0000, 0.0000,

0.2987

0.0000

229.2879, 0.3992,
0.3008

■ 24.8843, 0.4919,
0.2670

■ 24.8843, 0.4919,
0.2670

■ 22.9017, 0.5237,
0.2720

■ 28.1371, 0.4593,
0.2672

■ 21.9129, 0.5518,
0.2813


■ 32.8326, 0.4282,
0.2718


■ 39.1208, 0.4002,
0.2794

■ 47.1312, 0.3759,
0.2888

■ 56.9803, 0.3555,
0.2990

 68.7740, 0.3384,
0.3093

 82.6104, 0.3245,
0.3193

 98.5806, 0.3130,
0.3287

99.8106, 0.3121,
0.3290

Harmonies

Analogous

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



24.8843, 0.3567, 0.2037



24.8843, 0.4919, 0.2670



24.8843, 0.5622, 0.3409

Triad

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



24.8843, 0.4919, 0.2670



24.8843, 0.3445, 0.5787



24.8843, 0.1173, 0.1707

Complementary

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



24.8843, 0.4919, 0.2670



74.7356, 0.2582, 0.4318

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.



24.8843, 0.1144, 0.2365



24.8843, 0.4919, 0.2670



24.8843, 0.2334, 0.5294

Square

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



24.8843, 0.4919, 0.2670



24.8843, 0.4542, 0.5143



24.8843, 0.1501, 0.3697



24.8843, 0.1541, 0.1509

Rectangle

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



24.8843, 0.4919, 0.2670



24.8843, 0.5556, 0.3944



24.8843, 0.1501, 0.3697



24.8843, 0.1126, 0.1864

Sweetspot

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



24.8857, 0.4919, 0.2670



64.7593, 0.3444, 0.3055



18.6455, 0.2444, 0.1235



12.9610, 0.3505, 0.3018



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.



24.8857, 0.4919, 0.2670



22.4528, 0.5406, 0.2772



26.1736, 0.5788, 0.3452



18.1005, 0.3235, 0.3201



11.5792, 0.5475, 0.2790



1.1478, 0.5167, 0.2620

Inverse Universe

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



24.8857, 0.4919, 0.2670



22.4528, 0.5406, 0.2772



64.5395, 0.2204, 0.2991



18.1005, 0.3235, 0.3201



11.5792, 0.5475, 0.2790



1.1478, 0.5167, 0.2620

Previews

White Background



This preview shows how the Yxy color 24.8843, 0.4919, 0.2670 looks on a white background.

Color Contrast Check

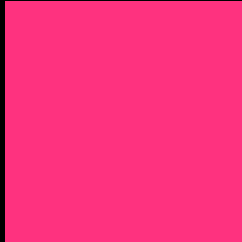
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8843, 0.4919, 0.2670 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 24.8843, 0.4919, 0.2670

Background



This preview shows how black text looks on a background with the Yxy color 24.8843, 0.4919, 0.2670.



This preview shows how white text looks on a background with the Yxy color 24.8843, 0.4919, 0.2670.

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

24.8843, 0.4919, 0.2670

Protanopia

25.2535, 0.2691, 0.2681

Deuteranopia

24.9550, 0.3591, 0.3533



Tritanopia

24.8353, 0.5647, 0.3276

Trichromacy



Original Color

24.8843, 0.4919, 0.2670



Protanomaly

21.5361, 0.3377, 0.2543



Deuteranomaly

22.0897, 0.4112, 0.3034



Tritanomaly

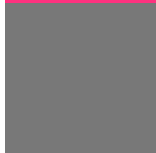
24.6653, 0.5423, 0.3068

Monochromacy



Original Color

24.8843, 0.4919, 0.2670



Achromatopsia

18.7821, 0.3127, 0.3290



Achromatomaly

18.0495, 0.3812, 0.2863

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8843, 0.4919, 0.2670 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(254, 50, 127)` looks like.

```
.text, #text, p{  
    color:rgb(254, 50, 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(254, 50, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 50, 127) }
```

Border

The CSS property to change the border of an element to Yxy 24.8843, 0.4919, 0.2670 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(254, 50, 127) }
```

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

```
.border{ border-color:rgb(254, 50, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 50, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 50, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 50, 127);  
box-shadow:4px 4px 4px 4px rgb(254, 50,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8843, 0.4919, 0.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 50, 127) }
```

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

```
.background{ background-color: rgb(254, 50,  
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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