

Converting Colors

$Y_{xy}(41.4276, 0.5278, 0.2967)$

Have a look what the booklet for
Yxy(41.4276, 0.5278, 0.2967)
contains.

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Color

Yxy(27.9874, 0.4819, 0.2827)

Conversions

Conversions Part 1

Format	Color
Hex	FF4C80
RGB	255, 76, 128
RGB Percent	100%, 30%, 50%
CMY	0.0002, 0.7017, 0.4981
CMYK	0.00, 0.70, 0.50, 0.00
HSL	343°, 100%, 65%
HSV	343°, 70%, 100%
XYZ	47.7083, 27.9874, 23.3047
YIQ	135.4490, 89.9920, 54.1200

Conversions

Conversions Part 2

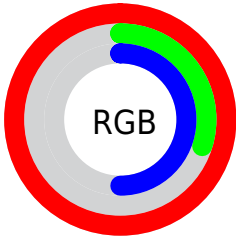
Format	Color
R _Y B	255, 76, 128
Decimal	16731264
CIE _{Lab}	59.88, 70.31, 11.19
CIE _{LCh}	60, 71.191, 9.042
Y _{xy}	27.9874, 0.4819, 0.2827
Android (android.graphics.Color)	4294921344 (0xFFFF4C80)
YUV	135.4490, -3.6724, 104.8462
Hunter-Lab	52.9031, 68.3916, 10.9140

Details

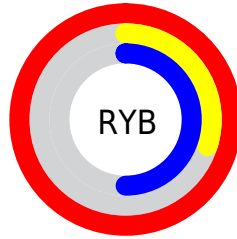
The Yxy color **27.9874, 0.4819, 0.2827** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **77.3459, 0.2530, 0.3952**, and the grayscale version is **24.4036, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2045, 0.3909, 0.2825**, and **11.7710, 0.5338, 0.2714** is the 20% darker color. If you saturate the color by 10%, you get **24.7061, 0.5195, 0.2839**, and if you desaturate by 10%, it is **32.7480, 0.4456, 0.2854**.

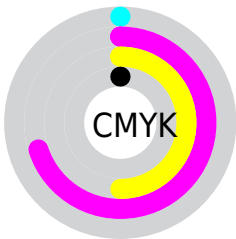
Distribution



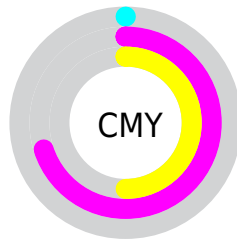
- Red (100%)
- Green (30%)
- Blue (50%)



- Red (100%)
- Yellow (30%)
- Blue (50%)



- Cyan (0%)
- Magenta (70%)
- Yellow (50%)
- Black (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9874, 0.4819, 0.2827 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 27.9874, 0.4819, 0.2827 by changing the saturation by 10% instead.


 27.9874, 0.4819,
0.2827


 27.9874, 0.4819,
0.2827


292.4067, 0.3905,
0.3100


 18.3162, 0.5066,
0.2745


 56.4643, 0.4472,
0.2937


 11.1772, 0.5391,
0.2631


 76.0388, 0.4346,
0.2975

 6.1862, 0.5836,
0.2465

 99.6831, 0.4241,
0.3006

 2.9586, 0.6467,
0.2210

 127.7818, 0.4153,
0.3031

 1.1102, 0.7507,
0.1823

160.7190, 0.4077,
0.3053

 0.0000, 1.0000,
0.0000

198.8793, 0.4012,

 0.0000, 0.0000,

0.3071

0.0000

242.6471, 0.3955,
0.3087

■ 27.9874, 0.4819,
0.2827

■ 27.9874, 0.4819,
0.2827

■ 24.7061, 0.5195,
0.2839

■ 32.7480, 0.4456,
0.2854

■ 22.7197, 0.5549,
0.2898


■ 39.1342, 0.4129,
0.2909

■ 21.7461, 0.5845,
0.2994

■ 47.2795, 0.3847,
0.2981

■ 57.3026, 0.3611,
0.3059

■ 69.3114, 0.3416,
0.3139

 83.4059, 0.3258,
0.3216

99.6791, 0.3129,
0.3289

99.9918, 0.3127,
0.3290

Harmonies

Analogous

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



27.9874, 0.3670, 0.2216



27.9874, 0.4819, 0.2827



27.9874, 0.5370, 0.3536

Triad

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



27.9874, 0.4819, 0.2827



27.9874, 0.3355, 0.5494



27.9874, 0.1360, 0.1825

Complementary

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



27.9874, 0.4819, 0.2827



77.3459, 0.2530, 0.3952

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.



27.9874, 0.1304, 0.2392



27.9874, 0.4819, 0.2827



27.9874, 0.2345, 0.4879

Square

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



27.9874, 0.4819, 0.2827



27.9874, 0.4360, 0.5092



27.9874, 0.1612, 0.3506



27.9874, 0.1750, 0.1664

Rectangle

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



27.9874, 0.4819, 0.2827



27.9874, 0.5286, 0.4045



27.9874, 0.1612, 0.3506



27.9874, 0.1305, 0.1960

Sweetspot

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



27.9890, 0.4819, 0.2827



68.2527, 0.3431, 0.3133



24.8542, 0.2688, 0.1491



13.8653, 0.3482, 0.3111



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.



27.9890, 0.4819, 0.2827



23.8106, 0.5335, 0.2856



33.3299, 0.5230, 0.3608



18.0738, 0.3248, 0.3221



11.3895, 0.5803, 0.2970



1.1270, 0.5483, 0.2794

Inverse Universe

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



27.9890, 0.4819, 0.2827



23.8106, 0.5335, 0.2856



59.5138, 0.2215, 0.2840



18.0738, 0.3248, 0.3221



11.3895, 0.5803, 0.2970



1.1270, 0.5483, 0.2794

Previews

White Background



This preview shows how the Yxy color 27.9874, 0.4819, 0.2827 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 27.9874, 0.4819, 0.2827 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 27.9874, 0.4819, 0.2827

Background



This preview shows how black text looks on a background with the Yxy color 27.9874, 0.4819, 0.2827.



This preview shows how white text looks on a background with the Yxy color 27.9874, 0.4819, 0.2827.

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

27.9874, 0.4819, 0.2827

Protanopia

28.0243, 0.2900, 0.2945

Deuteranopia

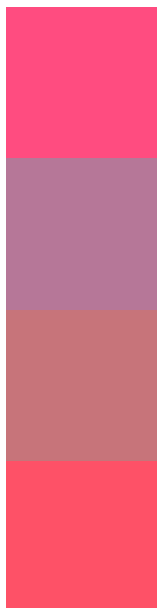
28.0126, 0.3660, 0.3597



Tritanopia

27.9446, 0.5296, 0.3254

Trichromacy



Original Color

27.9874, 0.4819, 0.2827

Protanomaly

25.4057, 0.3510, 0.2826

Deuteranomaly

26.0380, 0.4111, 0.3213

Tritanomaly

27.9350, 0.5141, 0.3104

Monochromacy



Original Color

27.9874, 0.4819, 0.2827

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.2843, 0.3743, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9874, 0.4819, 0.2827 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, 76, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 76, 128)  
}
```

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, 76, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 76, 128) }
```

Border

The CSS property to change the border of an element to Yxy 27.9874, 0.4819, 0.2827 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, 76, 128) }
```

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

```
.border{ border-color:rgb(255, 76, 128) }
```

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

Here you see how a box with a 4 pixel rgb(255, 76, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 76, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 76, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 76,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9874, 0.4819, 0.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 76, 128) }
```

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

```
.background{ background-color: rgb(255, 76,  
128) }
```

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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