

Converting Colors

$Y_{xy}(27.9919, 0.4854, 0.2855)$

Have a look what the booklet for
Yxy(27.9919, 0.4854, 0.2855)
contains.

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Color

Yxy(28.0484, 0.4859, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	FF4D7D
RGB	255, 77, 125
RGB Percent	100%, 30%, 49%
CMY	0.0001, 0.6978, 0.5099
CMYK	0.00, 0.70, 0.51, 0.00
HSL	344°, 100%, 65%
HSV	344°, 70%, 100%
XYZ	47.5863, 28.0484, 22.2997
YIQ	135.6940, 90.6800, 52.6640

Conversions

Conversions Part 2

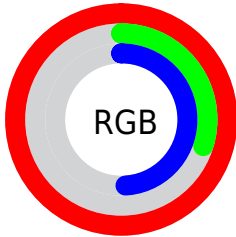
Format	Color
RYB	255, 77, 125
Decimal	16731517
CIELab	59.93, 69.73, 13.03
CIELCh	60, 70.937, 10.583
Yxy	28.0484, 0.4859, 0.2864
Android (android.graphics.Color)	4294921597 (0xFFFF4D7D)
YUV	135.6940, -5.2721, 104.6314
Hunter-Lab	52.9607, 67.7046, 12.1079

Details

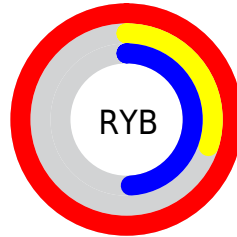
The Yxy color **28.0484, 0.4859, 0.2864** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **77.5886, 0.2516, 0.3898**, and the grayscale version is **24.5027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3256, 0.3950, 0.2876**, and **11.7423, 0.5381, 0.2738** is the 20% darker color. If you saturate the color by 10%, you get **24.7190, 0.5245, 0.2878**, and if you desaturate by 10%, it is **32.8677, 0.4485, 0.2888**.

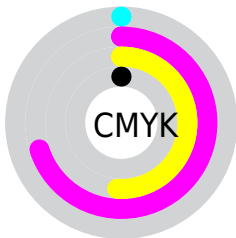
Distribution



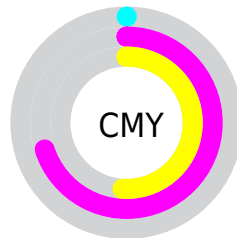
- Red (100%)
- Green (30%)
- Blue (49%)



- Red (100%)
- Yellow (30%)
- Blue (49%)



- Cyan (0%)
- Magenta (70%)
- Yellow (51%)
- Black (0%)




- Cyan (0%)
- Magenta (70%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0484, 0.4859, 0.2864 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 28.0484, 0.4859, 0.2864 by changing the saturation by 10% instead.


 28.0484, 0.4859,
0.2864


 28.0484, 0.4859,
0.2864


292.6981, 0.3922,
0.3122


 18.3621, 0.5111,
0.2784


 56.5617, 0.4504,
0.2969


 11.2103, 0.5444,
0.2673


 76.1575, 0.4375,
0.3005

 6.2085, 0.5897,
0.2509

 99.8254, 0.4267,
0.3034

 2.9723, 0.6536,
0.2255

 127.9496, 0.4177,
0.3058

 1.1173, 0.7641,
0.1878

160.9146, 0.4099,
0.3078

 0.0000, 1.0000,
0.0000

199.1047, 0.4032,

 0.0000, 0.0000,

0.3095

0.0000

242.9044, 0.3974,
0.3109

■ 28.0484, 0.4859,
0.2864

■ 28.0484, 0.4859,
0.2864

■ 24.7190, 0.5245,
0.2878

■ 32.8677, 0.4485,
0.2888

■ 22.6958, 0.5607,
0.2936

■ 39.3227, 0.4148,
0.2939


■ 21.6974, 0.5909,
0.3030

■ 47.5469, 0.3859,
0.3006

■ 21.6800, 0.5915,
0.3032

■ 57.6587, 0.3616,
0.3079

■ 69.7661, 0.3417,
0.3153

 83.9691, 0.3256,
0.3224

99.9944, 0.3127,
0.3290

Harmonies

Analogous

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



28.0484, 0.3732, 0.2247



28.0484, 0.4859, 0.2864



28.0484, 0.5368, 0.3575

Triad

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



28.0484, 0.4859, 0.2864



28.0484, 0.3302, 0.5481



28.0484, 0.1377, 0.1813

Complementary

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



28.0484, 0.4859, 0.2864



77.5886, 0.2516, 0.3898

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.



28.0484, 0.1304, 0.2354



28.0484, 0.4859, 0.2864



28.0484, 0.2303, 0.4811

Square

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



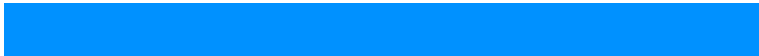
28.0484, 0.4859, 0.2864



28.0484, 0.4309, 0.5121



28.0484, 0.1592, 0.3436



28.0484, 0.1784, 0.1670

Rectangle

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



28.0484, 0.4859, 0.2864



28.0484, 0.5260, 0.4085



28.0484, 0.1592, 0.3436



28.0484, 0.1316, 0.1941

Sweetspot

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



28.0500, 0.4859, 0.2864



68.1947, 0.3440, 0.3144



25.4505, 0.2719, 0.1512



13.8517, 0.3492, 0.3123



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.



28.0500, 0.4859, 0.2864



23.7233, 0.5403, 0.2897



34.1906, 0.5187, 0.3636



18.0674, 0.3252, 0.3226



11.3524, 0.5873, 0.3009



1.1226, 0.5555, 0.2834

Inverse Universe

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



28.0500, 0.4859, 0.2864



23.7233, 0.5403, 0.2897



58.1265, 0.2208, 0.2804



18.0674, 0.3252, 0.3226



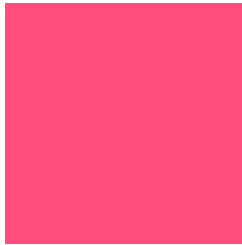
11.3524, 0.5873, 0.3009



1.1226, 0.5555, 0.2834

Previews

White Background



This preview shows how the Yxy color 28.0484, 0.4859, 0.2864 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 28.0484, 0.4859, 0.2864 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 28.0484, 0.4859, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 28.0484, 0.4859, 0.2864.



This preview shows how white text looks on a background with the Yxy color 28.0484, 0.4859, 0.2864.

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

28.0484, 0.4859, 0.2864

Protanopia

28.3242, 0.2965, 0.3038

Deuteranopia

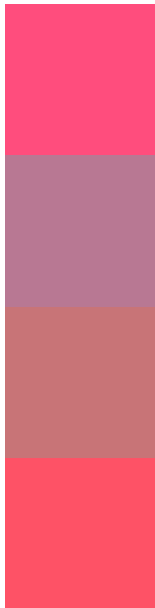
28.0510, 0.3705, 0.3642



Tritanopia

28.1009, 0.5289, 0.3262

Trichromacy



Original Color

28.0484, 0.4859, 0.2864

Protanomaly

25.7299, 0.3593, 0.2911

Deuteranomaly

26.1021, 0.4162, 0.3254

Tritanomaly

28.0647, 0.5149, 0.3122

Monochromacy



Original Color

28.0484, 0.4859, 0.2864

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.5111, 0.3740, 0.3044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0484, 0.4859, 0.2864 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, 77, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 125)  
}
```

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, 77, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 125) }
```

Border

The CSS property to change the border of an element to Yxy 28.0484, 0.4859, 0.2864 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, 77, 125) }
```

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

```
.border{ border-color:rgb(255, 77, 125) }
```

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

Here you see how a box with a 4 pixel rgb(255, 77, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0484, 0.4859, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 125) }
```

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

```
.background{ background-color: rgb(255, 77,  
125) }
```

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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