

Converting Colors

$Y_{xy}(27.4213, 0.4901, 0.2847)$

Have a look what the booklet for
Yxy(27.4213, 0.4901, 0.2847)
contains.

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Color

Yxy(27.4551, 0.4906, 0.2854)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF497B |
| RGB | 255, 73, 123 |
| RGB Percent | 100%, 29%, 48% |
| CMY | 0.0000, 0.7136, 0.5177 |
| CMYK | 0.00, 0.71, 0.52, 0.00 |
| HSL | 344°, 100%, 64% |
| HSV | 344°, 71%, 100% |
| XYZ | 47.1951, 27.4551, 21.5485 |
| YIQ | 133.1180, 92.4220, 54.1340 |

Conversions

Conversions Part 2

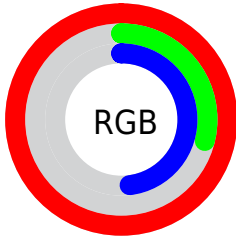
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 73, 123 |
| Decimal | 16730491 |
| CIE _{Lab} | 59.39, 70.96, 13.44 |
| CIE _{LCh} | 59, 72.224, 10.722 |
| Yxy | 27.4551, 0.4906, 0.2854 |
| Android (android.graphics.Color) | 4294920571 (0xFFFF497B) |
| YUV | 133.1180, -4.9882, 106.8905 |
| Hunter-Lab | 52.3976, 69.0809, 12.2953 |

Details

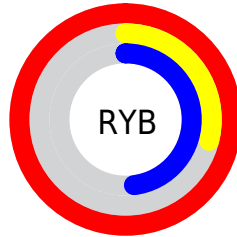
The Yxy color **27.4551, 0.4906, 0.2854** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **77.3408, 0.2515, 0.3927**, and the grayscale version is **23.4978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4053, 0.3981, 0.2867**, and **11.7145, 0.5423, 0.2761** is the 20% darker color. If you saturate the color by 10%, you get **24.3433, 0.5289, 0.2874**, and if you desaturate by 10%, it is **32.0299, 0.4531, 0.2874**.

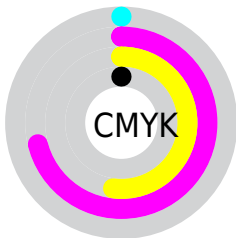
Distribution



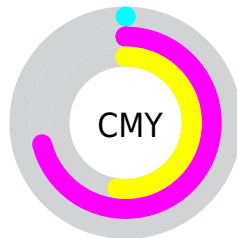
- Red (100%)
- Green (29%)
- Blue (48%)



- Red (100%)
- Yellow (29%)
- Blue (48%)



- Cyan (0%)
- Magenta (71%)
- Yellow (52%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4551, 0.4906, 0.2854 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 27.4551, 0.4906, 0.2854 by changing the saturation by 10% instead.


 27.4551, 0.4906,
0.2854


 27.4551, 0.4906,
0.2854


289.8539, 0.3942,
0.3120


 17.9153, 0.5167,
0.2771


 55.6133, 0.4540,
0.2962


 10.8892, 0.5510,
0.2656


 75.0005, 0.4407,
0.3000

 5.9924, 0.5977,
0.2485

 98.4390, 0.4296,
0.3030

 2.8404, 0.6635,
0.2219

 126.3131, 0.4203,
0.3054

 1.0490, 0.7824,
0.1838

 159.0072, 0.4123,
0.3075

 0.0000, 1.0000,
0.0000

196.9058, 0.4054,

 0.0000, 0.0000,

0.3092

0.0000

240.3933, 0.3994,
0.3107

■ 27.4551, 0.4906,
0.2854

■ 27.4551, 0.4906,
0.2854

■ 24.3433, 0.5289,
0.2874

■ 32.0299, 0.4531,
0.2874

■ 22.5051, 0.5642,
0.2939

■ 38.2172, 0.4191,
0.2923


■ 21.7008, 0.5897,
0.3022

■ 46.1529, 0.3895,
0.2989

■ 55.9572, 0.3648,
0.3063

■ 67.7396, 0.3444,
0.3138

 81.6011, 0.3278,
0.3212

 97.6358, 0.3143,
0.3281

99.9984, 0.3127,
0.3290

Harmonies

Analogous

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



27.4551, 0.3750, 0.2228



27.4551, 0.4906, 0.2854



27.4551, 0.5418, 0.3574

Triad

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



27.4551, 0.4906, 0.2854



27.4551, 0.3291, 0.5539



27.4551, 0.1347, 0.1781

Complementary

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



27.4551, 0.4906, 0.2854



77.3408, 0.2515, 0.3927

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.



27.4551, 0.1271, 0.2325



27.4551, 0.4906, 0.2854



27.4551, 0.2275, 0.4850

Square

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



27.4551, 0.4906, 0.2854



27.4551, 0.4318, 0.5156



27.4551, 0.1556, 0.3429



27.4551, 0.1761, 0.1640

Rectangle

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



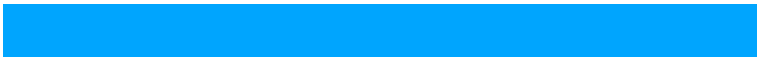
27.4551, 0.4906, 0.2854



27.4551, 0.5299, 0.4091



27.4551, 0.1556, 0.3429



27.4551, 0.1285, 0.1910

Sweetspot

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



27.4567, 0.4906, 0.2854



68.2093, 0.3437, 0.3141



24.7454, 0.2707, 0.1482



13.8552, 0.3489, 0.3120



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.



27.4567, 0.4906, 0.2854



23.3467, 0.5459, 0.2898



33.4279, 0.5252, 0.3636



18.0690, 0.3251, 0.3225



11.3614, 0.5856, 0.3000



1.1237, 0.5537, 0.2824

Inverse Universe

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



27.4567, 0.4906, 0.2854



23.3467, 0.5459, 0.2898



57.5262, 0.2195, 0.2791



18.0690, 0.3251, 0.3225



11.3614, 0.5856, 0.3000



1.1237, 0.5537, 0.2824

Previews

White Background



This preview shows how the Yxy color 27.4551, 0.4906, 0.2854 looks on a white background.

Color Contrast Check

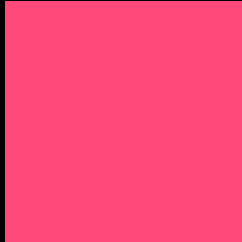
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4551, 0.4906, 0.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

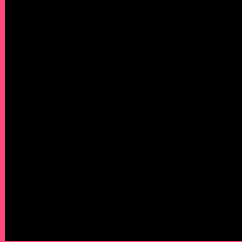
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4551, 0.4906, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 27.4551, 0.4906, 0.2854.



This preview shows how white text looks on a background with the Yxy color 27.4551, 0.4906, 0.2854.

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

27.4551, 0.4906, 0.2854

Protanopia

27.5119, 0.2954, 0.3019

Deuteranopia

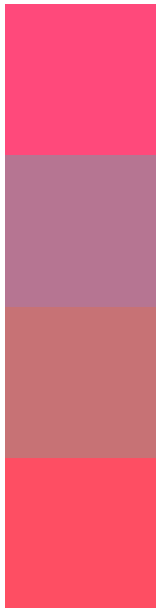
27.6074, 0.3720, 0.3660



Tritanopia

27.4234, 0.5366, 0.3264

Trichromacy



Original Color

27.4551, 0.4906, 0.2854

Protanomaly

24.7430, 0.3589, 0.2879

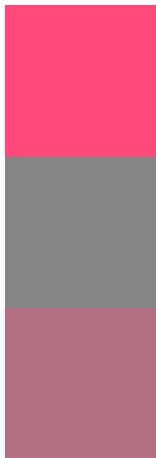
Deuteranomaly

25.4611, 0.4189, 0.3253

Tritanomaly

27.4205, 0.5213, 0.3118

Monochromacy



Original Color

27.4551, 0.4906, 0.2854

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.3010, 0.3770, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4551, 0.4906, 0.2854 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, 73, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 73, 123)  
}
```

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, 73, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 73, 123) }
```

Border

The CSS property to change the border of an element to Yxy 27.4551, 0.4906, 0.2854 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, 73, 123) }
```

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

```
.border{ border-color:rgb(255, 73, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 73, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 73, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 73, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 73,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4551, 0.4906, 0.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 73, 123) }
```

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

```
.background{ background-color: rgb(255, 73,  
123) }
```

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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