

Converting Colors

$Y_{xy}(27.4890, 0.4957, 0.2897)$

Have a look what the booklet for
Yxy(27.4890, 0.4957, 0.2897)
contains.

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Color

Yxy(27.4895, 0.4960, 0.2900)

Conversions

Conversions Part 1

Format	Color
Hex	FF4A77
RGB	255, 74, 119
RGB Percent	100%, 29%, 47%
CMY	0.0000, 0.7097, 0.5333
CMYK	0.00, 0.71, 0.53, 0.00
HSL	345°, 100%, 65%
HSV	345°, 71%, 100%
XYZ	47.0165, 27.4895, 20.2854
YIQ	133.2490, 93.4310, 52.3670

Conversions

Conversions Part 2

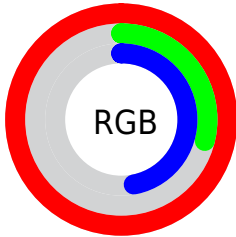
Format	Color
R_{YB}	255, 74, 119
Decimal	16730743
CIE _{Lab}	59.42, 70.33, 15.82
CIE _{LCh}	59, 72.084, 12.674
Yxy	27.4895, 0.4960, 0.2900
Android (android.graphics.Color)	4294920823 (0xFFFF4A77)
YUV	133.2490, -7.0248, 106.7756
Hunter-Lab	52.4304, 68.3150, 13.7620

Details

The Yxy color **27.4895, 0.4960, 0.2900** 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 **77.6232, 0.2496, 0.3859**, and the grayscale version is **23.5558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.2505, 0.4027, 0.2908**, and **11.6614, 0.5506, 0.2807** is the 20% darker color. If you saturate the color by 10%, you get **24.3324, 0.5355, 0.2921**, and if you desaturate by 10%, it is **32.1212, 0.4572, 0.2917**.

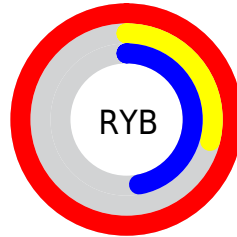
Distribution



Red (100%)

Green (29%)

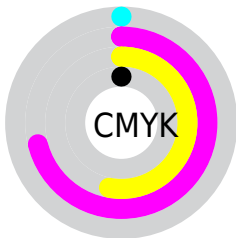
Blue (47%)



Red (100%)

Yellow (29%)

Blue (47%)

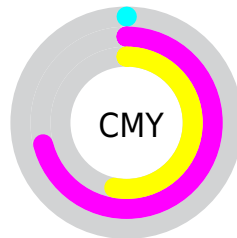


Cyan (0%)

Magenta (71%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (71%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4895, 0.4960, 0.2900 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 27.4895, 0.4960, 0.2900 by changing the saturation by 10% instead.


 27.4895, 0.4960,
0.2900


 27.4895, 0.4960,
0.2900


290.0194, 0.3966,
0.3147


 17.9412, 0.5228,
0.2820


 55.6684, 0.4583,
0.3003


 10.9078, 0.5580,
0.2707


 75.0677, 0.4446,
0.3037

 6.0049, 0.6057,
0.2538

 98.5195, 0.4332,
0.3065

 2.8480, 0.6724,
0.2270

 126.4082, 0.4235,
0.3088

 1.0529, 0.8035,
0.1910

159.1181, 0.4153,
0.3106

 0.0000, 1.0000,
0.0000

197.0337, 0.4082,

 0.0000, 0.0000,

0.3122

0.0000

240.5394, 0.4020,
0.3135

■ 27.4895, 0.4960,
0.2900

■ 27.4895, 0.4960,
0.2900

■ 24.3324, 0.5355,
0.2921

■ 32.1212, 0.4572,
0.2917

■ 22.4614, 0.5715,
0.2984

■ 38.3766, 0.4218,
0.2960


■ 21.6213, 0.5980,
0.3068

■ 46.3915, 0.3913,
0.3020

■ 56.2863, 0.3657,
0.3087

■ 68.1703, 0.3448,
0.3155

 82.1449, 0.3277,
0.3222

 98.3041, 0.3139,
0.3284

99.9980, 0.3127,
0.3290

Harmonies

Analogous

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



27.4895, 0.3832, 0.2266



27.4895, 0.4960, 0.2900



27.4895, 0.5417, 0.3623

Triad

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



27.4895, 0.4960, 0.2900



27.4895, 0.3222, 0.5526



27.4895, 0.1366, 0.1764

Complementary

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



27.4895, 0.4960, 0.2900



77.6232, 0.2496, 0.3859

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.



27.4895, 0.1269, 0.2277



27.4895, 0.4960, 0.2900



27.4895, 0.2218, 0.4763

Square

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



27.4895, 0.4960, 0.2900



27.4895, 0.4254, 0.5198



27.4895, 0.1528, 0.3340



27.4895, 0.1803, 0.1645

Rectangle

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



27.4895, 0.4960, 0.2900



27.4895, 0.5267, 0.4143



27.4895, 0.1528, 0.3340



27.4895, 0.1298, 0.1884

Sweetspot

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



27.4911, 0.4960, 0.2900



68.1376, 0.3448, 0.3155



25.7848, 0.2767, 0.1518



13.8383, 0.3502, 0.3136



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.



27.4911, 0.4960, 0.2900



23.4374, 0.5507, 0.2941



35.0097, 0.5181, 0.3694



18.0611, 0.3255, 0.3231



11.3185, 0.5940, 0.3046



1.1186, 0.5626, 0.2873

Inverse Universe

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



27.4911, 0.4960, 0.2900



23.4374, 0.5507, 0.2941



54.6451, 0.2178, 0.2714



18.0611, 0.3255, 0.3231



11.3185, 0.5940, 0.3046



1.1186, 0.5626, 0.2873

Previews

White Background



This preview shows how the Yxy color 27.4895, 0.4960, 0.2900 looks on a white background.

Color Contrast Check

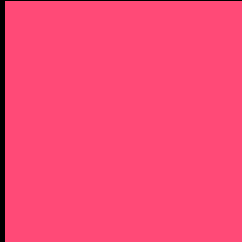
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4895, 0.4960, 0.2900 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 27.4895, 0.4960, 0.2900

Background



This preview shows how black text looks on a background with the Yxy color 27.4895, 0.4960, 0.2900.



This preview shows how white text looks on a background with the Yxy color 27.4895, 0.4960, 0.2900.

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

27.4895, 0.4960, 0.2900

Protanopia

27.5187, 0.3021, 0.3098

Deuteranopia

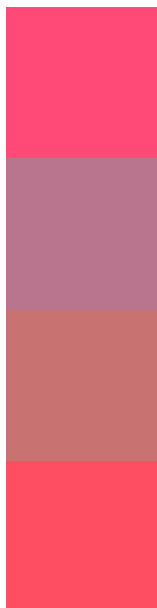
27.6276, 0.3776, 0.3719



Tritanopia

27.4234, 0.5366, 0.3264

Trichromacy



Original Color

27.4895, 0.4960, 0.2900

Protanomaly

24.8360, 0.3677, 0.2952

Deuteranomaly

25.7331, 0.4248, 0.3320

Tritanomaly

27.3827, 0.5240, 0.3136

Monochromacy



Original Color

27.4895, 0.4960, 0.2900

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.4940, 0.3779, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4895, 0.4960, 0.2900 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, 74, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 119)  
}
```

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, 74, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 119) }
```

Border

The CSS property to change the border of an element to Yxy 27.4895, 0.4960, 0.2900 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, 74, 119) }
```

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

```
.border{ border-color:rgb(255, 74, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 74, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4895, 0.4960, 0.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 119) }
```

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

```
.background{ background-color: rgb(255, 74,  
119) }
```

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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