

Converting Colors

$Y_{xy}(26.8676, 0.5154, 0.3001)$

Have a look what the booklet for
Yxy(26.8676, 0.5154, 0.3001)
contains.

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Color

Yxy(26.8071, 0.5163, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	FF476A
RGB	255, 71, 106
RGB Percent	100%, 28%, 42%
CMY	0.0001, 0.7214, 0.5844
CMYK	0.00, 0.72, 0.58, 0.00
HSL	349°, 100%, 64%
HSV	349°, 72%, 100%
XYZ	46.0889, 26.8071, 16.3717
YIQ	130.0060, 98.4290, 49.8930

Conversions

Conversions Part 2

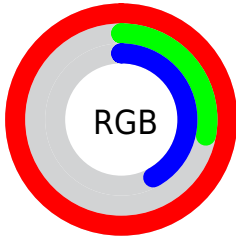
Format	Color
R _Y B	255, 71, 106
Decimal	16729962
CIE Lab	58.80, 70.42, 22.61
CIE LCh	59, 73.962, 17.797
Yxy	26.8071, 0.5163, 0.3003
Android (android.graphics.Color)	4294920042 (0xFFFF476A)
YUV	130.0060, -11.8350, 109.6197
Hunter-Lab	51.7756, 68.2876, 17.4951

Details

The Yxy color **26.8071, 0.5163, 0.3003** 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 **78.0209, 0.2449, 0.3726**, and the grayscale version is **22.3476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1968, 0.4194, 0.3034**, and **11.3921, 0.5737, 0.2934** is the 20% darker color. If you saturate the color by 10%, you get **23.8362, 0.5576, 0.3031**, and if you desaturate by 10%, it is **31.2442, 0.4742, 0.3007**.

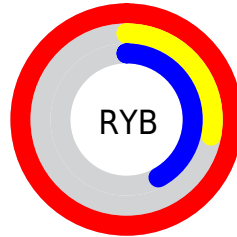
Distribution



Red (100%)

Green (28%)

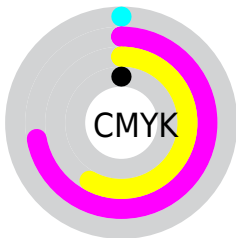
Blue (42%)



Red (100%)

Yellow (28%)

Blue (42%)

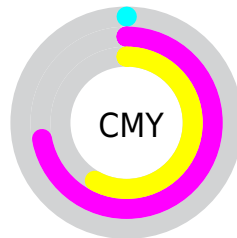


Cyan (0%)

Magenta (72%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (72%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8071, 0.5163, 0.3003 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 26.8071, 0.5163, 0.3003 by changing the saturation by 10% instead.

 26.8071, 0.5163,
0.3003


 26.8071, 0.5163,
0.3003


286.7219, 0.4057,
0.3214


 17.4284, 0.5458,
0.2925


 54.5742, 0.4744,
0.3098


 10.5404, 0.5843,
0.2810

 73.7313, 0.4591,
0.3128


 5.7587, 0.6356,
0.2631

 96.9168, 0.4464,
0.3151

 2.6989, 0.7064,
0.2342

 124.5149, 0.4357,
0.3169

 0.9766, 0.8127,
0.1873

 156.9101, 0.4266,
0.3184

 0.0000, 1.0000,
0.0000


194.4867, 0.4186,


 0.0000, 0.0000,


0.3196


0.0000

237.6292, 0.4117,
0.3206


 26.8071, 0.5163,
0.3003


 26.8071, 0.5163,
0.3003


 23.8362, 0.5576,
0.3031

 31.2442, 0.4742,
0.3007

 22.1364, 0.5930,
0.3094


 37.3010, 0.4352,
0.3035

 21.4736, 0.6140,
0.3156

 45.1167, 0.4013,
0.3078

 54.8144, 0.3729,
0.3129

 66.5057, 0.3496,
0.3181

 80.2938, 0.3308,
0.3232

 96.2746, 0.3156,
0.3280

99.9968, 0.3127,
0.3290

Harmonies

Analogous

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



26.8071, 0.4076, 0.2337



26.8071, 0.5163, 0.3003



26.8071, 0.5476, 0.3748

Triad

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



26.8071, 0.5163, 0.3003



26.8071, 0.3026, 0.5566



26.8071, 0.1374, 0.1679

Complementary

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



26.8071, 0.5163, 0.3003



78.0209, 0.2449, 0.3726

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.



26.8071, 0.1218, 0.2116



26.8071, 0.5163, 0.3003



26.8071, 0.2033, 0.4582

Square

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



26.8071, 0.5163, 0.3003



26.8071, 0.4095, 0.5359



26.8071, 0.1409, 0.3104



26.8071, 0.1882, 0.1616

Rectangle

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



26.8071, 0.5163, 0.3003



26.8071, 0.5230, 0.4288



26.8071, 0.1409, 0.3104



26.8071, 0.1286, 0.1776

Sweetspot

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



26.8087, 0.5163, 0.3003



66.6917, 0.3493, 0.3182



26.6664, 0.2847, 0.1541



13.5509, 0.3551, 0.3168



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.



26.8087, 0.5163, 0.3003



22.8678, 0.5759, 0.3058



36.6916, 0.5142, 0.3784



18.0434, 0.3264, 0.3245



11.2381, 0.6106, 0.3137



1.1084, 0.5813, 0.2976

Inverse Universe

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



26.8087, 0.5163, 0.3003



22.8678, 0.5759, 0.3058



49.7766, 0.2137, 0.2578



18.0434, 0.3264, 0.3245



11.2381, 0.6106, 0.3137



1.1084, 0.5813, 0.2976

Previews

White Background



This preview shows how the Yxy color 26.8071, 0.5163, 0.3003 looks on a white background.

Color Contrast Check

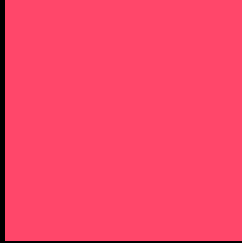
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8071, 0.5163, 0.3003 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 26.8071, 0.5163, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 26.8071, 0.5163, 0.3003.



This preview shows how white text looks on a background with the Yxy color 26.8071, 0.5163, 0.3003.

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

26.8071, 0.5163, 0.3003

Protanopia

26.9336, 0.3191, 0.3323

Deuteranopia

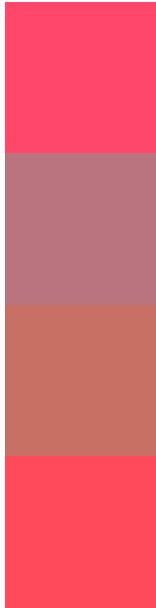
26.9064, 0.3943, 0.3883



Tritanopia

26.8189, 0.5468, 0.3266

Trichromacy



Original Color

26.8071, 0.5163, 0.3003

Protanomaly

24.3374, 0.3876, 0.3136

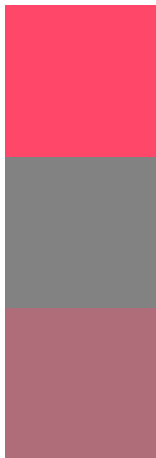
Deuteranomaly

24.7878, 0.4441, 0.3449

Tritanomaly

26.6897, 0.5370, 0.3176

Monochromacy



Original Color

26.8071, 0.5163, 0.3003

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.4317, 0.3863, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8071, 0.5163, 0.3003 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, 71, 106)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 106)  
}
```

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, 71, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 106) }
```

Border

The CSS property to change the border of an element to Yxy 26.8071, 0.5163, 0.3003 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, 71, 106) }
```

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

```
.border{ border-color:rgb(255, 71, 106) }
```

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

Here you see how a box with a 4 pixel rgb(255, 71, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 106);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8071, 0.5163, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 71, 106) }
```

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

```
.background{ background-color: rgb(255, 71,  
106) }
```

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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