

Converting Colors

Yxy(26.3325, 0.5118, 0.2926)

Have a look what the booklet for
Yxy(26.3325, 0.5118, 0.2926)
contains.

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Color

Yxy(26.3041, 0.5115, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	FF426F
RGB	255, 66, 111
RGB Percent	100%, 26%, 44%
CMY	0.0000, 0.7412, 0.5647
CMYK	0.00, 0.74, 0.56, 0.00
HSL	346°, 100%, 63%
HSV	346°, 74%, 100%
XYZ	46.0614, 26.3041, 17.6862
YIQ	127.6410, 98.1990, 54.0630

Conversions

Conversions Part 2

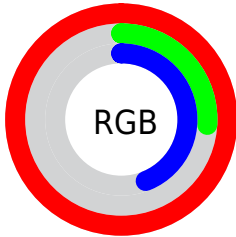
Format	Color
R_{YB}	255, 66, 111
Decimal	16728687
CIE Lab	58.32, 72.37, 19.02
CIE LCh	58, 74.831, 14.726
Yxy	26.3041, 0.5115, 0.2921
Android (android.graphics.Color)	4294918767 (0xFFFF426F)
YUV	127.6410, -8.2040, 111.6938
Hunter-Lab	51.2875, 70.5581, 15.4555

Details

The Yxy color **26.3041, 0.5115, 0.2921** 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 **77.3309, 0.2479, 0.3862**, and the grayscale version is **21.4560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3070, 0.4152, 0.2941**, and **11.4465, 0.5640, 0.2881** is the 20% darker color. If you saturate the color by 10%, you get **23.5759, 0.5507, 0.2956**, and if you desaturate by 10%, it is **30.4491, 0.4715, 0.2925**.

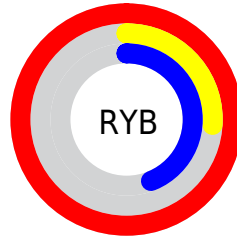
Distribution



Red (100%)

Green (26%)

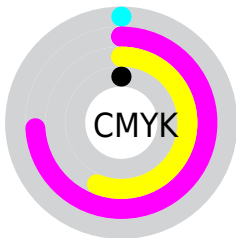
Blue (44%)



Red (100%)

Yellow (26%)

Blue (44%)

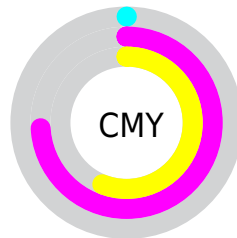


Cyan (0%)

Magenta (74%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3041, 0.5115, 0.2921 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 26.3041, 0.5115, 0.2921 by changing the saturation by 10% instead.


 26.3041, 0.5115,
0.2921


 26.3041, 0.5115,
0.2921


284.2717, 0.4032,
0.3168

 17.0513, 0.5407,
0.2837


 53.7651, 0.4703,
0.3027


 10.2711, 0.5789,
0.2715


 72.7421, 0.4554,
0.3062


 5.5790, 0.6303,
0.2530

 95.7293, 0.4430,
0.3089

 2.5908, 0.7009,
0.2233

 123.1111, 0.4325,
0.3112

 0.9221, 0.8211,
0.1789

 155.2718, 0.4235,
0.3130

 0.0000, 1.0000,
0.0000

192.5959, 0.4158,

 0.0000, 0.0000,

0.3145

0.0000

235.4677, 0.4091,
0.3157

■ 26.3041, 0.5115,
0.2921

■ 26.3041, 0.5115,
0.2921

■ 23.5759, 0.5507,
0.2956

■ 30.4491, 0.4715,
0.2925

■ 22.0710, 0.5848,
0.3031

■ 36.1772, 0.4343,
0.2959


■ 21.5939, 0.6011,
0.3085

■ 43.6269, 0.4017,
0.3012

■ 52.9227, 0.3741,
0.3075

■ 64.1773, 0.3514,
0.3140

 77.4947, 0.3330,
0.3205

 92.9711, 0.3180,
0.3266

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



26.3041, 0.3955, 0.2262



26.3041, 0.5115, 0.2921



26.3041, 0.5520, 0.3664

Triad

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



26.3041, 0.5115, 0.2921



26.3041, 0.3129, 0.5641



26.3041, 0.1321, 0.1682

Complementary

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



26.3041, 0.5115, 0.2921



77.3309, 0.2479, 0.3862

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.



26.3041, 0.1196, 0.2169



26.3041, 0.5115, 0.2921



26.3041, 0.2103, 0.4758

Square

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



26.3041, 0.5115, 0.2921



26.3041, 0.4206, 0.5317



26.3041, 0.1427, 0.3236



26.3041, 0.1793, 0.1587

Rectangle

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



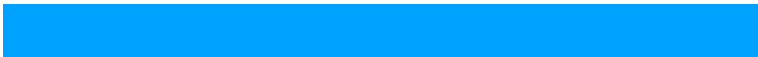
26.3041, 0.5115, 0.2921



26.3041, 0.5315, 0.4204



26.3041, 0.1427, 0.3236



26.3041, 0.1243, 0.1793

Sweetspot

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



26.3027, 0.5115, 0.2921



66.8273, 0.3472, 0.3154



24.4885, 0.2745, 0.1463



13.5825, 0.3527, 0.3137



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.



26.3027, 0.5115, 0.2921



22.7034, 0.5683, 0.2988



33.5175, 0.5306, 0.3693



18.0580, 0.3257, 0.3234



11.3024, 0.5972, 0.3064



1.1166, 0.5660, 0.2892

Inverse Universe

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



26.3027, 0.5115, 0.2921



22.7034, 0.5683, 0.2988



53.3665, 0.2152, 0.2684



18.0580, 0.3257, 0.3234



11.3024, 0.5972, 0.3064



1.1166, 0.5660, 0.2892

Previews

White Background



This preview shows how the Yxy color 26.3041, 0.5115, 0.2921 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 26.3041, 0.5115, 0.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

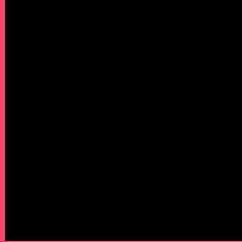
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3041, 0.5115, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 26.3041, 0.5115, 0.2921.



This preview shows how white text looks on a background with the Yxy color 26.3041, 0.5115, 0.2921.

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

26.3041, 0.5115, 0.2921

Protanopia

26.5255, 0.3068, 0.3176

Deuteranopia

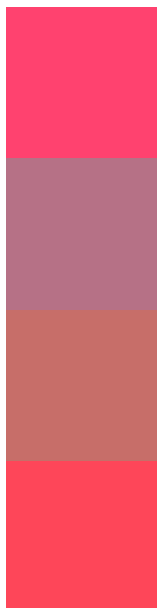
26.5027, 0.3870, 0.3799



Tritanopia

26.1836, 0.5518, 0.3267

Trichromacy



Original Color

26.3041, 0.5115, 0.2921

Protanomaly

23.4766, 0.3758, 0.2990

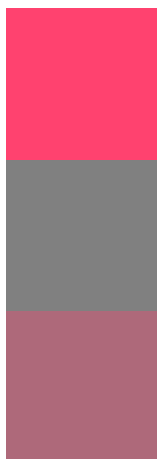
Deuteranomaly

24.3139, 0.4377, 0.3359

Tritanomaly

26.1724, 0.5394, 0.3147

Monochromacy



Original Color

26.3041, 0.5115, 0.2921

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.5070, 0.3853, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3041, 0.5115, 0.2921 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, 66, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 111)  
}
```

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, 66, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 111) }
```

Border

The CSS property to change the border of an element to Yxy 26.3041, 0.5115, 0.2921 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, 66, 111) }
```

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

```
.border{ border-color:rgb(255, 66, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 66, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3041, 0.5115, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 111) }
```

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

```
.background{ background-color: rgb(255, 66,  
111) }
```

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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