

Converting Colors

$Y_{xy}(26.0197, 0.5236, 0.2989)$

Have a look what the booklet for
Yxy(26.0197, 0.5236, 0.2989)
contains.

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Color

Yxy(26.0199, 0.5236, 0.2989)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF4167 |
| RGB | 255, 65, 103 |
| RGB Percent | 100%, 25%, 40% |
| CMY | 0.0000, 0.7451, 0.5961 |
| CMYK | 0.00, 0.75, 0.60, 0.00 |
| HSL | 348°, 100%, 63% |
| HSV | 348°, 75%, 100% |
| XYZ | 45.5805, 26.0199, 15.4518 |
| YIQ | 126.1420, 101.0420, 52.0980 |

Conversions

Conversions Part 2

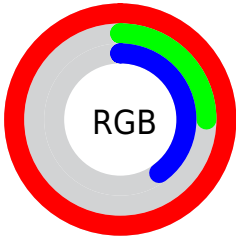
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 255, 65, 103 |
| Decimal | 16728423 |
| CIE _{Lab} | 58.06, 72.16, 23.36 |
| CIE _{LCh} | 58, 75.847, 17.940 |
| Yxy | 26.0199, 0.5236, 0.2989 |
| Android (android.graphics.Color) | 4294918503 (0xFFFF4167) |
| YUV | 126.1420, -11.4090, 113.0085 |
| Hunter-Lab | 51.0097, 70.2345, 17.7468 |

Details

The Yxy color **26.0199, 0.5236, 0.2989** 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 **77.6538, 0.2449, 0.3768**, and the grayscale version is **20.9286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7718, 0.4250, 0.3015**, and **11.3718, 0.5774, 0.2954** is the 20% darker color. If you saturate the color by 10%, you get **23.3626, 0.5638, 0.3026**, and if you desaturate by 10%, it is **30.0974, 0.4817, 0.2987**.

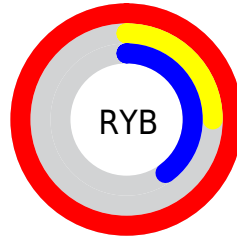
Distribution



Red (100%)

Green (25%)

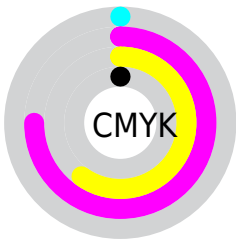
Blue (40%)



Red (100%)

Yellow (25%)

Blue (40%)

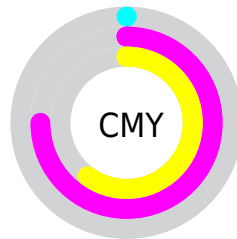


Cyan (0%)

Magenta (75%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0199, 0.5236, 0.2989 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 26.0199, 0.5236, 0.2989 by changing the saturation by 10% instead.


 26.0199, 0.5236,
0.2989


 26.0199, 0.5236,
0.2989


282.8798, 0.4087,
0.3212


 16.8385, 0.5543,
0.2906


 53.3070, 0.4801,
0.3090

 10.1194, 0.5942,
0.2783


 72.1816, 0.4642,
0.3122


 5.4782, 0.6472,
0.2591

 95.0560, 0.4510,
0.3146

 2.5305, 0.7220,
0.2289

 122.3147, 0.4398,
0.3165

 0.8919, 0.8226,
0.1774

 154.3420, 0.4303,
0.3181

 0.0000, 1.0000,
0.0000

191.5224, 0.4221,

 0.0000, 0.0000,

0.3193

0.0000

234.2401, 0.4150,
0.3204

■ 26.0199, 0.5236,
0.2989

■ 26.0199, 0.5236,
0.2989

■ 23.3626, 0.5638,
0.3026

■ 30.0974, 0.4817,
0.2987

■ 21.9241, 0.5972,
0.3097


■ 35.7588, 0.4423,
0.3012


■ 21.4990, 0.6115,
0.3143

■ 43.1458, 0.4076,
0.3055

■ 52.3842, 0.3783,
0.3107

■ 63.5880, 0.3542,
0.3162

 76.8621, 0.3346,
0.3216

 92.3038, 0.3188,
0.3268

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.



26.0199, 0.4113, 0.2312



26.0199, 0.5236, 0.2989



26.0199, 0.5543, 0.3744

Triad

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



26.0199, 0.5236, 0.2989



26.0199, 0.3002, 0.5654



26.0199, 0.1333, 0.1635

Complementary

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



26.0199, 0.5236, 0.2989



77.6538, 0.2449, 0.3768

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.



26.0199, 0.1171, 0.2073



26.0199, 0.5236, 0.2989



26.0199, 0.1989, 0.4626

Square

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



26.0199, 0.5236, 0.2989



26.0199, 0.4099, 0.5416



26.0199, 0.1359, 0.3083



26.0199, 0.1850, 0.1575

Rectangle

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



26.0199, 0.5236, 0.2989



26.0199, 0.5278, 0.4297



26.0199, 0.1359, 0.3083



26.0199, 0.1243, 0.1731

Sweetspot

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



26.0201, 0.5236, 0.2989



66.7199, 0.3489, 0.3176



25.7526, 0.2834, 0.1503



13.5575, 0.3546, 0.3161



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.



26.0201, 0.5236, 0.2989



22.5797, 0.5799, 0.3054



35.5611, 0.5230, 0.3784



18.0465, 0.3263, 0.3243



11.2504, 0.6080, 0.3123



1.1100, 0.5782, 0.2959

Inverse Universe

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



26.0201, 0.5236, 0.2989



22.5797, 0.5799, 0.3054



48.7323, 0.2116, 0.2551



18.0465, 0.3263, 0.3243



11.2504, 0.6080, 0.3123



1.1100, 0.5782, 0.2959

Previews

White Background



This preview shows how the Yxy color 26.0199, 0.5236, 0.2989 looks on a white background.

Color Contrast Check

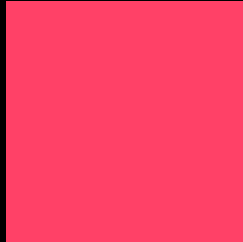
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0199, 0.5236, 0.2989 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 26.0199, 0.5236, 0.2989

Background



This preview shows how black text looks on a background with the Yxy color 26.0199, 0.5236, 0.2989.



This preview shows how white text looks on a background with the Yxy color 26.0199, 0.5236, 0.2989.

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

26.0199, 0.5236, 0.2989

Protanopia

26.1110, 0.3191, 0.3323

Deuteranopia

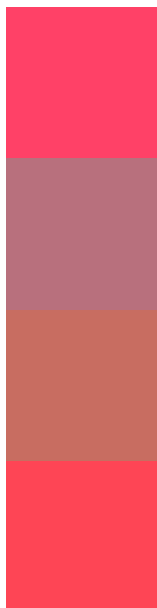
26.1832, 0.3977, 0.3901



Tritanopia

26.0717, 0.5573, 0.3275

Trichromacy



Original Color

26.0199, 0.5236, 0.2989

Protanomaly

23.2594, 0.3908, 0.3107

Deuteranomaly

24.0797, 0.4503, 0.3449

Tritanomaly

25.9830, 0.5452, 0.3173

Monochromacy



Original Color

26.0199, 0.5236, 0.2989

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.0929, 0.3903, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0199, 0.5236, 0.2989 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, 65, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 65, 103)  
}
```

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, 65, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 65, 103) }
```

Border

The CSS property to change the border of an element to Yxy 26.0199, 0.5236, 0.2989 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, 65, 103) }
```

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

```
.border{ border-color:rgb(255, 65, 103) }
```

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

Here you see how a box with a 4 pixel rgb(255, 65, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 65, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 65, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 65,  
103) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 26.0199, 0.5236, 0.2989$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 65, 103) }
```

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

```
.background{ background-color: rgb(255, 65,  
103) }
```

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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