

Converting Colors

$Y_{xy}(26.0987, 0.4436, 0.2382)$

Have a look what the booklet for
Yxy(26.0987, 0.4436, 0.2382)
contains.

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Color

Yxy(26.0963, 0.4437, 0.2383)

Conversions

Conversions Part 1

Format	Color
Hex	FF339E
RGB	255, 51, 158
RGB Percent	100%, 20%, 62%
CMY	0.0001, 0.7998, 0.3804
CMYK	0.00, 0.80, 0.38, 0.00
HSL	329°, 100%, 60%
HSV	329°, 80%, 100%
XYZ	48.5897, 26.0963, 34.8243
YIQ	124.1940, 87.2370, 76.5250

Conversions

Conversions Part 2

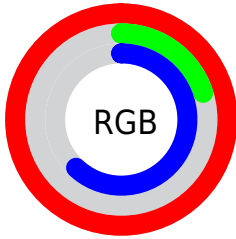
Format	Color
R _Y B	255, 51, 158
Decimal	16724894
CIE Lab	58.13, 80.28, -8.97
CIE LCh	58, 80.777, 353.627
Yxy	26.0963, 0.4437, 0.2383
Android (android.graphics.Color)	4294914974 (0xFFFF339E)
YUV	124.1940, 16.6664, 114.7169
Hunter-Lab	51.0845, 80.3846, -4.6587

Details

The Yxy color **26.0963, 0.4437, 0.2383** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **74.3514, 0.2706, 0.4737**, and the grayscale version is **20.1558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2577, 0.3595, 0.2358**, and **12.3990, 0.4735, 0.2382** is the 20% darker color. If you saturate the color by 10%, you get **24.0471, 0.4671, 0.2401**, and if you desaturate by 10%, it is **29.4095, 0.4204, 0.2418**.

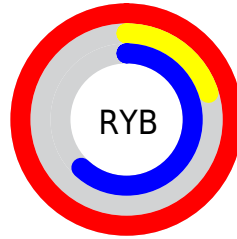
Distribution



Red (100%)

Green (20%)

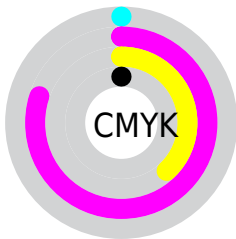
Blue (62%)



Red (100%)

Yellow (20%)

Blue (62%)

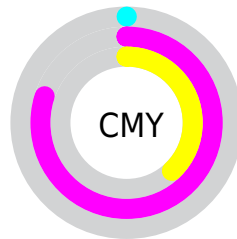


Cyan (0%)

Magenta (80%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (80%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0963, 0.4437, 0.2383 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 26.0963, 0.4437, 0.2383 by changing the saturation by 10% instead.


 26.0963, 0.4437,
0.2383


 26.0963, 0.4437,
0.2383

283.2545, 0.3741,
0.2851


 16.8957, 0.4623,
0.2263


 53.4303, 0.4175,
0.2556

 10.1602, 0.4867,
0.2109


 72.3324, 0.4079,
0.2620


 5.5053, 0.5202,
0.1903


 95.2372, 0.3999,
0.2674

 2.5467, 0.5683,
0.1619

 122.5290, 0.3932,
0.2719

 0.8999, 0.6414,
0.1213

 154.5923, 0.3874,
0.2759

 0.0000, 0.8421,
0.0000

191.8113, 0.3823,

 0.0000, 1.0000,

0.2794

0.0000

234.5706, 0.3779,
0.2824

■ 0.0000, 0.0000,
0.0000

■ 26.0963, 0.4437,
0.2383

■ 26.0963, 0.4437,
0.2383

■ 24.0471, 0.4671,
0.2401

■ 29.4095, 0.4204,
0.2418

■ 22.9717, 0.4895,
0.2470

■ 34.1580, 0.3983,
0.2498

■ 22.9694, 0.4896,
0.2471

■ 40.4909, 0.3782,
0.2610

■ 48.5369, 0.3605,
0.2741

■ 58.4119, 0.3452,
0.2881

70.2211, 0.3324,
0.3022

84.0621, 0.3216,
0.3160

99.9960, 0.3127,
0.3290

Harmonies

Analogous

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



26.0963, 0.3020, 0.1823



26.0963, 0.4437, 0.2383



26.0963, 0.5499, 0.3097

Triad

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



26.0963, 0.4437, 0.2383



26.0963, 0.3895, 0.5646



26.0963, 0.1097, 0.1878

Complementary

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



26.0963, 0.4437, 0.2383



74.3514, 0.2706, 0.4737

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.



26.0963, 0.1206, 0.2797



26.0963, 0.4437, 0.2383



26.0963, 0.2750, 0.5727

Square

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



26.0963, 0.4437, 0.2383



26.0963, 0.4944, 0.4788



26.0963, 0.1754, 0.4397



26.0963, 0.1328, 0.1522

Rectangle

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



26.0963, 0.4437, 0.2383



26.0963, 0.5683, 0.3612



26.0963, 0.1754, 0.4397



26.0963, 0.1093, 0.2108

Sweetspot

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



26.0978, 0.4437, 0.2383



65.2398, 0.3373, 0.2965



15.7232, 0.2179, 0.1101



13.0757, 0.3419, 0.2915



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.



26.0978, 0.4437, 0.2383



23.3332, 0.4807, 0.2439



23.9332, 0.5879, 0.3259



18.1462, 0.3212, 0.3166



12.0347, 0.4861, 0.2451



1.1939, 0.4620, 0.2319

Inverse Universe

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



26.0978, 0.4437, 0.2383



23.3332, 0.4807, 0.2439



79.0006, 0.2307, 0.3370



18.1462, 0.3212, 0.3166



12.0347, 0.4861, 0.2451



1.1939, 0.4620, 0.2319

Previews

White Background



This preview shows how the Yxy color 26.0963, 0.4437, 0.2383 looks on a white background.

Color Contrast Check

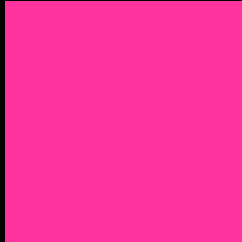
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0963, 0.4437, 0.2383 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 26.0963, 0.4437, 0.2383

Background



This preview shows how black text looks on a background with the Yxy color 26.0963, 0.4437, 0.2383.



This preview shows how white text looks on a background with the Yxy color 26.0963, 0.4437, 0.2383.

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

26.0963, 0.4437, 0.2383

Protanopia

26.5427, 0.2301, 0.2178

Deuteranopia

26.2305, 0.3158, 0.3099



Tritanopia

26.0721, 0.5442, 0.3265

Trichromacy



Original Color

26.0963, 0.4437, 0.2383



Protanomaly

22.2024, 0.2860, 0.2088



Deuteranomaly

23.0615, 0.3615, 0.2650



Tritanomaly

25.7925, 0.5129, 0.2949

Monochromacy



Original Color

26.0963, 0.4437, 0.2383



Achromatopsia

20.1556, 0.3127, 0.3290



Achromatomaly

19.0976, 0.3652, 0.2711

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0963, 0.4437, 0.2383 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, 51, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 158)  
}
```

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, 51, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 158) }
```

Border

The CSS property to change the border of an element to Yxy 26.0963, 0.4437, 0.2383 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, 51, 158) }
```

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

```
.border{ border-color:rgb(255, 51, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
158) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 26.0963, 0.4437, 0.2383$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 158) }
```

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

```
.background{ background-color: rgb(255, 51,  
158) }
```

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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