

Converting Colors

Yxy(26.4327, 0.5248, 0.3036)

Have a look what the booklet for
Yxy(26.4327, 0.5248, 0.3036)
contains.

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Color

Yxy(26.4558, 0.5244, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	FF4565
RGB	255, 69, 101
RGB Percent	100%, 27%, 40%
CMY	0.0001, 0.7292, 0.6040
CMYK	0.00, 0.73, 0.60, 0.00
HSL	350°, 100%, 64%
HSV	350°, 73%, 100%
XYZ	45.7114, 26.4558, 15.0018
YIQ	128.2620, 100.5840, 49.3840

Conversions

Conversions Part 2

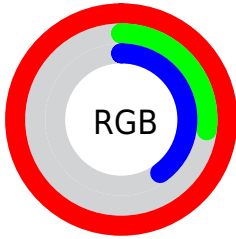
Format	Color
RYB	255, 69, 101
Decimal	16729445
CIELab	58.47, 70.76, 25.09
CIElCh	58, 75.079, 19.526
Yxy	26.4558, 0.5244, 0.3035
Android (android.graphics.Color)	4294919525 (0xFFFF4565)
YUV	128.2620, -13.4402, 111.1492
Hunter-Lab	51.4352, 68.6247, 18.7119

Details

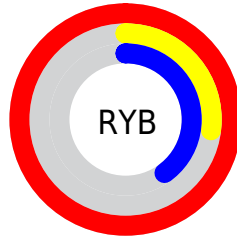
The Yxy color **26.4558, 0.5244, 0.3035** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **78.1065, 0.2433, 0.3687**, and the grayscale version is **21.7093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4923, 0.4261, 0.3066**, and **11.3522, 0.5810, 0.2975** is the 20% darker color. If you saturate the color by 10%, you get **23.6014, 0.5658, 0.3066**, and if you desaturate by 10%, it is **30.7662, 0.4814, 0.3035**.

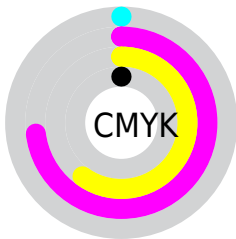
Distribution



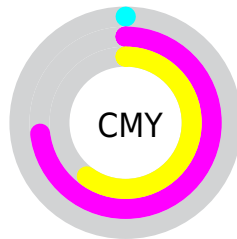
- Red (100%)
- Green (27%)
- Blue (40%)



- Red (100%)
- Yellow (27%)
- Blue (40%)



- Cyan (0%)
- Magenta (73%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4558, 0.5244, 0.3035 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 26.4558, 0.5244, 0.3035 by changing the saturation by 10% instead.


 26.4558, 0.5244,
0.3035


 26.4558, 0.5244,
0.3035


285.0125, 0.4093,
0.3237


 17.1649, 0.5550,
0.2956


 54.0094, 0.4809,
0.3129

 10.3522, 0.5946,
0.2838


 73.0408, 0.4650,
0.3158


 5.6331, 0.6469,
0.2652

 96.0880, 0.4518,
0.3180

 2.6233, 0.7216,
0.2360

 123.5352, 0.4406,
0.3197

 0.9384, 0.8160,
0.1840

 155.7668, 0.4311,
0.3210

 0.0000, 1.0000,
0.0000

193.1673, 0.4228,

 0.0000, 0.0000,

0.3221

0.0000

236.1211, 0.4157,
0.3230

■ 26.4558, 0.5244,
0.3035

■ 26.4558, 0.5244,
0.3035

■ 23.6014, 0.5658,
0.3066

■ 30.7662, 0.4814,
0.3035

■ 22.0039, 0.6002,
0.3127


■ 36.6888, 0.4411,
0.3058

■ 21.4370, 0.6182,
0.3179

■ 44.3647, 0.4059,
0.3096

■ 53.9182, 0.3763,
0.3141

■ 65.4623, 0.3521,
0.3188

 79.1011, 0.3325,
0.3234

 94.9314, 0.3167,
0.3278

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.



26.4558, 0.4169, 0.2357



26.4558, 0.5244, 0.3035



26.4558, 0.5504, 0.3790

Triad

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



26.4558, 0.5244, 0.3035



26.4558, 0.2953, 0.5593



26.4558, 0.1370, 0.1642

Complementary

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



26.4558, 0.5244, 0.3035



78.1065, 0.2433, 0.3687

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.



26.4558, 0.1192, 0.2056



26.4558, 0.5244, 0.3035



26.4558, 0.1962, 0.4523

Square

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



26.4558, 0.5244, 0.3035



26.4558, 0.4040, 0.5426



26.4558, 0.1360, 0.3021



26.4558, 0.1905, 0.1599

Rectangle

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



26.4558, 0.5244, 0.3035



26.4558, 0.5223, 0.4340



26.4558, 0.1360, 0.3021



26.4558, 0.1274, 0.1732

Sweetspot

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



26.4573, 0.5244, 0.3035



66.6412, 0.3501, 0.3192



26.8360, 0.2873, 0.1543



13.5392, 0.3561, 0.3179



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.



26.4573, 0.5244, 0.3035



22.6505, 0.5845, 0.3094



37.1055, 0.5141, 0.3814



18.0380, 0.3267, 0.3249



11.2177, 0.6150, 0.3162



1.1057, 0.5867, 0.3006

Inverse Universe

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



26.4573, 0.5244, 0.3035



22.6505, 0.5845, 0.3094



48.0116, 0.2119, 0.2527



18.0380, 0.3267, 0.3249



11.2177, 0.6150, 0.3162



1.1057, 0.5867, 0.3006

Previews

White Background



This preview shows how the Yxy color 26.4558, 0.5244, 0.3035 looks on a white background.

Color Contrast Check

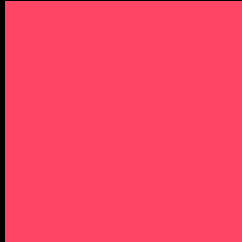
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4558, 0.5244, 0.3035 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 26.4558, 0.5244, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 26.4558, 0.5244, 0.3035.



This preview shows how white text looks on a background with the Yxy color 26.4558, 0.5244, 0.3035.

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

26.4558, 0.5244, 0.3035

Protanopia

26.4694, 0.3254, 0.3406

Deuteranopia

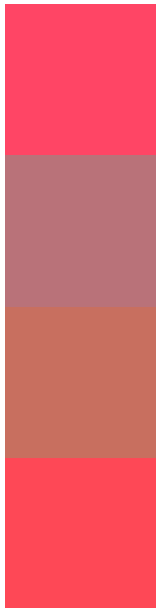
26.5357, 0.4004, 0.3942



Tritanopia

26.5042, 0.5517, 0.3274

Trichromacy



Original Color

26.4558, 0.5244, 0.3035

Protanomaly

23.7294, 0.3966, 0.3193

Deuteranomaly

24.4745, 0.4514, 0.3500

Tritanomaly

26.3774, 0.5421, 0.3187

Monochromacy



Original Color

26.4558, 0.5244, 0.3035

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.8221, 0.3902, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4558, 0.5244, 0.3035 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, 69, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 69, 101)  
}
```

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, 69, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 101) }
```

Border

The CSS property to change the border of an element to Yxy 26.4558, 0.5244, 0.3035 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, 69, 101) }
```

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

```
.border{ border-color:rgb(255, 69, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 69, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 69,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4558, 0.5244, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 101) }
```

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

```
.background{ background-color: rgb(255, 69,  
101) }
```

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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