

Converting Colors

$Yxy(26.8548, 0.5214, 0.3047)$

Have a look what the booklet for
Yxy(26.8548, 0.5214, 0.3047)
contains.

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Color

Yxy(26.8540, 0.5214, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	FF4866
RGB	255, 72, 102
RGB Percent	100%, 28%, 40%
CMY	0.0000, 0.7175, 0.6001
CMYK	0.00, 0.72, 0.60, 0.00
HSL	350°, 100%, 64%
HSV	350°, 72%, 100%
XYZ	45.9523, 26.8540, 15.3263
YIQ	130.1370, 99.4380, 48.1260

Conversions

Conversions Part 2

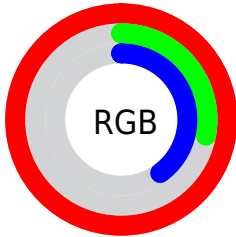
Format	Color
R_{YB}	255, 72, 102
Decimal	16730214
CIE Lab	58.84, 69.85, 25.00
CIE LCh	59, 74.184, 19.690
Yxy	26.8540, 0.5214, 0.3047
Android (android.graphics.Color)	4294920294 (0xFFFF4866)
YUV	130.1370, -13.8715, 109.5049
Hunter-Lab	51.8208, 67.5991, 18.7393

Details

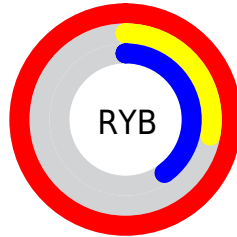
The Yxy color **26.8540, 0.5214, 0.3047** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **78.3312, 0.2431, 0.3660**, and the grayscale version is **22.4017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0624, 0.4241, 0.3076**, and **11.3619, 0.5792, 0.2965** is the 20% darker color. If you saturate the color by 10%, you get **23.8427, 0.5635, 0.3074**, and if you desaturate by 10%, it is **31.3432, 0.4782, 0.3049**.

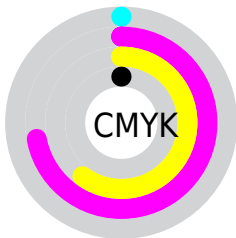
Distribution



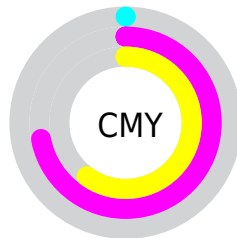
- Red (100%)
- Green (28%)
- Blue (40%)



- Red (100%)
- Yellow (28%)
- Blue (40%)



- Cyan (0%)
- Magenta (72%)
- Yellow (60%)
- Black (0%)





- Cyan (0%)
- Magenta (72%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8540, 0.5214, 0.3047 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 26.8540, 0.5214, 0.3047 by changing the saturation by 10% instead.


 26.8540, 0.5214,
0.3047


 26.8540, 0.5214,
0.3047


286.9495, 0.4081,
0.3241


 17.4636, 0.5515,
0.2971


 54.6495, 0.4786,
0.3137

 10.5656, 0.5904,
0.2857


 73.8234, 0.4630,
0.3165


 5.7755, 0.6420,
0.2677

 97.0272, 0.4500,
0.3186

 2.7091, 0.7147,
0.2391

 124.6454, 0.4390,
0.3203

 0.9818, 0.8109,
0.1891

 157.0623, 0.4296,
0.3215

 0.0000, 1.0000,
0.0000

194.6624, 0.4215,

 0.0000, 0.0000,

0.3226

0.0000

237.8300, 0.4144,
0.3234

■ 26.8540, 0.5214,
0.3047

■ 26.8540, 0.5214,
0.3047

■ 23.8427, 0.5635,
0.3074

■ 31.3432, 0.4782,
0.3049

■ 22.1149, 0.5989,
0.3131


■ 37.4637, 0.4380,
0.3073

■ 21.4235, 0.6200,
0.3189

■ 45.3549, 0.4031,
0.3110

■ 55.1398, 0.3738,
0.3153

■ 66.9305, 0.3499,
0.3198

 80.8303, 0.3306,
0.3242

 96.9355, 0.3151,
0.3283

99.9982, 0.3127,
0.3290

Harmonies

Analogous

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



26.8540, 0.4160, 0.2373



26.8540, 0.5214, 0.3047



26.8540, 0.5471, 0.3797

Triad

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



26.8540, 0.5214, 0.3047



26.8540, 0.2957, 0.5547



26.8540, 0.1393, 0.1662

Complementary

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



26.8540, 0.5214, 0.3047



78.3312, 0.2431, 0.3660

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.



26.8540, 0.1215, 0.2072



26.8540, 0.5214, 0.3047



26.8540, 0.1978, 0.4492

Square

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



26.8540, 0.5214, 0.3047



26.8540, 0.4031, 0.5402



26.8540, 0.1381, 0.3022



26.8540, 0.1925, 0.1619

Rectangle

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



26.8540, 0.5214, 0.3047



26.8540, 0.5196, 0.4342



26.8540, 0.1381, 0.3022



26.8540, 0.1297, 0.1751

Sweetspot

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



26.8556, 0.5214, 0.3047



66.6190, 0.3505, 0.3197



27.7847, 0.2908, 0.1576



13.5341, 0.3565, 0.3185



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.



26.8556, 0.5214, 0.3047



22.9663, 0.5797, 0.3095



38.5059, 0.5070, 0.3843



18.0356, 0.3268, 0.3251



11.2094, 0.6168, 0.3172



1.1045, 0.5890, 0.3018

Inverse Universe

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



26.8556, 0.5214, 0.3047



22.9663, 0.5797, 0.3095



47.1832, 0.2120, 0.2499



18.0356, 0.3268, 0.3251



11.2094, 0.6168, 0.3172



1.1045, 0.5890, 0.3018

Previews

White Background



This preview shows how the Yxy color 26.8540, 0.5214, 0.3047 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 26.8540, 0.5214, 0.3047 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 26.8540, 0.5214, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 26.8540, 0.5214, 0.3047.



This preview shows how white text looks on a background with the Yxy color 26.8540, 0.5214, 0.3047.

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

26.8540, 0.5214, 0.3047

Protanopia

26.8542, 0.3263, 0.3421

Deuteranopia

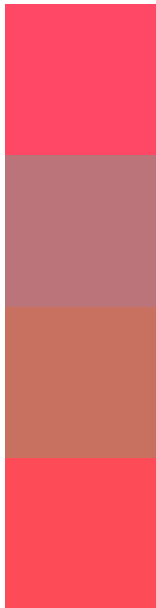
26.9447, 0.3999, 0.3938



Tritanopia

26.8189, 0.5468, 0.3266

Trichromacy



Original Color

26.8540, 0.5214, 0.3047

Protanomaly

24.3350, 0.3955, 0.3207

Deuteranomaly

25.0723, 0.4497, 0.3512

Tritanomaly

26.8076, 0.5376, 0.3192

Monochromacy



Original Color

26.8540, 0.5214, 0.3047

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.4073, 0.3877, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8540, 0.5214, 0.3047 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, 72, 102)` looks like.

```
.text, #text, p{  
  color:rgb(255, 72, 102)  
}
```

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, 72, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 72, 102) }
```

Border

The CSS property to change the border of an element to Yxy 26.8540, 0.5214, 0.3047 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, 72, 102) }
```

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

```
.border{ border-color:rgb(255, 72, 102) }
```

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

Here you see how a box with a 4 pixel rgb(255, 72, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 72, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 72, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 72,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8540, 0.5214, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 72, 102) }
```

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

```
.background{ background-color: rgb(255, 72,  
102) }
```

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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