

Converting Colors

$Y_{xy}(27.1252, 0.5184, 0.3090)$

Have a look what the booklet for
Yxy(27.1252, 0.5184, 0.3090)
contains.

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Color

Yxy(27.1300, 0.5184, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	FD4D65
RGB	253, 77, 101
RGB Percent	99%, 30%, 40%
CMY	0.0078, 0.6981, 0.6038
CMYK	0.00, 0.70, 0.60, 0.01
HSL	352°, 98%, 65%
HSV	352°, 70%, 99%
XYZ	45.5152, 27.1300, 15.1542
YIQ	132.3600, 97.1920, 44.7760

Conversions

Conversions Part 2

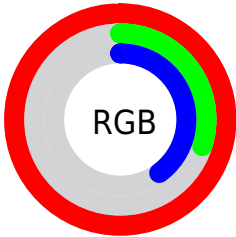
Format	Color
R_{YB}	253, 77, 101
Decimal	16600421
CIE _{Lab}	59.09, 67.50, 25.83
CIE _{LCh}	59, 72.269, 20.939
Yxy	27.1300, 0.5184, 0.3090
Android (android.graphics.Color)	4294790501 (0xFFFD4D65)
YUV	132.3600, -15.4605, 105.8013
Hunter-Lab	52.0865, 64.8289, 19.2105

Details

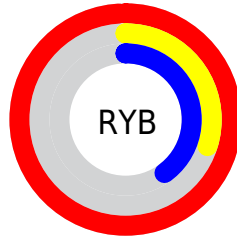
The Yxy color **27.1300, 0.5184, 0.3090** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **77.4925, 0.2421, 0.3585**, and the grayscale version is **23.2415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.1353, 0.4235, 0.3127**, and **11.0947, 0.5798, 0.2968** is the 20% darker color. If you saturate the color by 10%, you get **23.8805, 0.5618, 0.3110**, and if you desaturate by 10%, it is **31.8722, 0.4743, 0.3094**.

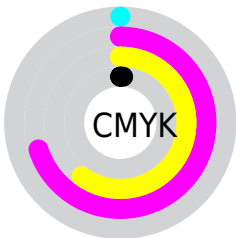
Distribution



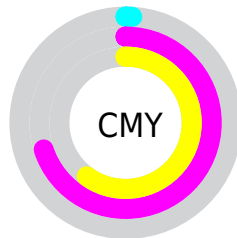
- Red (99%)
- Green (30%)
- Blue (40%)



- Red (99%)
- Yellow (30%)
- Blue (40%)



- Cyan (0%)
- Magenta (70%)
- Yellow (60%)
- Black (1%)





- Cyan (1%)
- Magenta (70%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1300, 0.5184, 0.3090 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 27.1300, 0.5184, 0.3090 by changing the saturation by 10% instead.


 27.1300, 0.5184,
0.3090

 27.1300, 0.5184,
0.3090


288.2860, 0.4069,
0.3262

 17.6709, 0.5480,
0.3020


 55.0924, 0.4763,
0.3172

 10.7140, 0.5863,
0.2913


 74.3645, 0.4609,
0.3197

 5.8748, 0.6370,
0.2741

 97.6763, 0.4481,
0.3215

 2.7691, 0.7091,
0.2467

 125.4123, 0.4372,
0.3229

 1.0124, 0.8028,
0.1972

157.9569, 0.4280,
0.3240

 0.0000, 1.0000,
0.0000

195.6945, 0.4200,

 0.0000, 0.0000,

0.3249

0.0000

239.0094, 0.4130,
0.3256

■ 27.1300, 0.5184,
0.3090

■ 27.1300, 0.5184,
0.3090

■ 23.8805, 0.5618,
0.3110

■ 31.8722, 0.4743,
0.3094

■ 21.9398, 0.5988,
0.3155

■ 38.2532, 0.4339,
0.3116

■ 21.0329, 0.6244,
0.3216

■ 46.4071, 0.3990,
0.3148


■ 21.0037, 0.6252,
0.3218

■ 56.4527, 0.3700,
0.3184

■ 68.4984, 0.3464,
0.3221

 82.6447, 0.3274,
0.3258

 98.9852, 0.3121,
0.3291

 99.6251, 0.3115,
0.3290

Harmonies

Analogous

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



27.1300, 0.4184, 0.2421



27.1300, 0.5184, 0.3090



27.1300, 0.5408, 0.3833

Triad

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



27.1300, 0.5184, 0.3090



27.1300, 0.2928, 0.5454



27.1300, 0.1443, 0.1690

Complementary

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



27.1300, 0.5184, 0.3090



77.4925, 0.2421, 0.3585

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.



27.1300, 0.1254, 0.2079



27.1300, 0.5184, 0.3090



27.1300, 0.1978, 0.4393

Square

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



27.1300, 0.5184, 0.3090



27.1300, 0.3982, 0.5376



27.1300, 0.1407, 0.2985



27.1300, 0.1984, 0.1658

Rectangle

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



27.1300, 0.5184, 0.3090



27.1300, 0.5129, 0.4369



27.1300, 0.1407, 0.2985



27.1300, 0.1343, 0.1774

Sweetspot

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



27.1316, 0.5184, 0.3090



67.8350, 0.3495, 0.3216



28.6667, 0.2945, 0.1626



13.7676, 0.3557, 0.3206



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.



27.1316, 0.5184, 0.3090



23.4843, 0.5757, 0.3123



39.7701, 0.4964, 0.3869



18.0274, 0.3273, 0.3258



11.1839, 0.6225, 0.3203



1.1007, 0.5968, 0.3061

Inverse Universe

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



27.1316, 0.5184, 0.3090



23.4843, 0.5757, 0.3123



46.1088, 0.2131, 0.2487



18.0274, 0.3273, 0.3258



11.1839, 0.6225, 0.3203



1.1007, 0.5968, 0.3061

Previews

White Background



This preview shows how the Yxy color 27.1300, 0.5184, 0.3090 looks on a white background.

Color Contrast Check

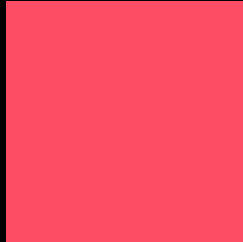
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1300, 0.5184, 0.3090 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 27.1300, 0.5184, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 27.1300, 0.5184, 0.3090.



This preview shows how white text looks on a background with the Yxy color 27.1300, 0.5184, 0.3090.

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

27.1300, 0.5184, 0.3090

Protanopia

27.2536, 0.3315, 0.3486

Deuteranopia

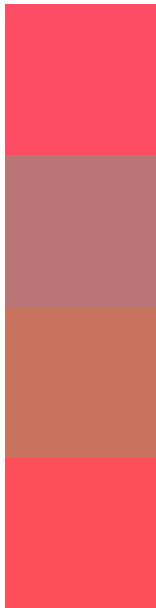
27.0390, 0.4021, 0.3949



Tritanopia

27.0729, 0.5379, 0.3264

Trichromacy



Original Color

27.1300, 0.5184, 0.3090

Protanomaly

24.7279, 0.3985, 0.3278

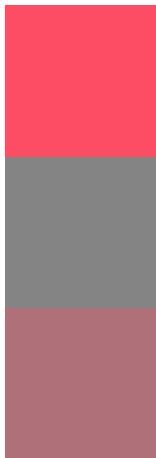
Deuteranomaly

25.5052, 0.4494, 0.3550

Tritanomaly

27.0256, 0.5310, 0.3204

Monochromacy



Original Color

27.1300, 0.5184, 0.3090

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.1989, 0.3862, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1300, 0.5184, 0.3090 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(253, 77, 101)` looks like.

```
.text, #text, p{  
    color:rgb(253, 77, 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(253, 77, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 77, 101) }
```

Border

The CSS property to change the border of an element to Yxy 27.1300, 0.5184, 0.3090 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(253, 77, 101) }
```

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

```
.border{ border-color:rgb(253, 77, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 77, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 77, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 77, 101);  
box-shadow:4px 4px 4px 4px rgb(253, 77,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1300, 0.5184, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 77, 101) }
```

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

```
.background{ background-color: rgb(253, 77,  
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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