

Converting Colors

Yxy(27.4624, 0.5173, 0.3068)

Have a look what the booklet for
Yxy(27.4624, 0.5173, 0.3068)
contains.

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Color

Yxy(27.4082, 0.5178, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	FF4C67
RGB	255, 76, 103
RGB Percent	100%, 30%, 40%
CMY	0.0000, 0.7019, 0.5961
CMYK	0.00, 0.70, 0.60, 0.00
HSL	351°, 100%, 65%
HSV	351°, 70%, 100%
XYZ	46.2731, 27.4082, 15.6835
YIQ	132.5990, 98.0170, 46.3450

Conversions

Conversions Part 2

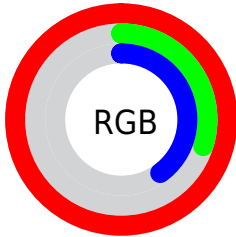
Format	Color
R_{YB}	255, 76, 103
Decimal	16731239
CIE _{Lab}	59.35, 68.55, 25.07
CIE _{LCh}	59, 72.995, 20.091
Yxy	27.4082, 0.5178, 0.3067
Android (android.graphics.Color)	4294921319 (0xFFFF4C67)
YUV	132.5990, -14.5923, 107.3457
Hunter-Lab	52.3528, 66.1534, 18.8853

Details

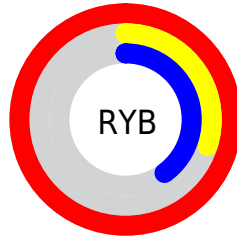
The Yxy color **27.4082, 0.5178, 0.3067** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **78.6589, 0.2428, 0.3621**, and the grayscale version is **23.3312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.2014, 0.4212, 0.3106**, and **11.3619, 0.5792, 0.2965** is the 20% darker color. If you saturate the color by 10%, you get **24.1844, 0.5607, 0.3089**, and if you desaturate by 10%, it is **32.1386, 0.4742, 0.3071**.

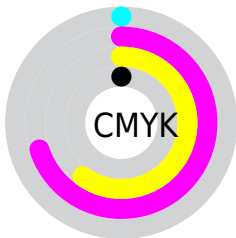
Distribution



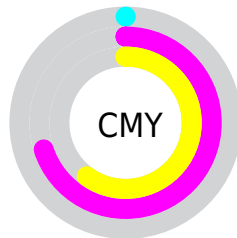
- Red (100%)
- Green (30%)
- Blue (40%)



- Red (100%)
- Yellow (30%)
- Blue (40%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4082, 0.5178, 0.3067 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 27.4082, 0.5178, 0.3067 by changing the saturation by 10% instead.


 27.4082, 0.5178,
0.3067


 27.4082, 0.5178,
0.3067


289.6282, 0.4067,
0.3249


 17.8800, 0.5472,
0.2995


 55.5382, 0.4759,
0.3152


 10.8639, 0.5854,
0.2887


 74.9088, 0.4606,
0.3178

 5.9754, 0.6359,
0.2715

 98.3291, 0.4478,
0.3198

 2.8301, 0.7063,
0.2438

 126.1833, 0.4370,
0.3213

 1.0437, 0.8038,
0.1962

158.8559, 0.4278,
0.3225

 0.0000, 1.0000,
0.0000

196.7314, 0.4198,

 0.0000, 0.0000,

0.3235

0.0000

240.1940, 0.4129,
0.3242

■ 27.4082, 0.5178,
0.3067

■ 27.4082, 0.5178,
0.3067

■ 24.1844, 0.5607,
0.3089

■ 32.1386, 0.4742,
0.3071

■ 22.2787, 0.5974,
0.3139


■ 38.5264, 0.4342,
0.3095

■ 21.4029, 0.6226,
0.3203

■ 46.7083, 0.3995,
0.3130

■ 56.8059, 0.3707,
0.3170

■ 68.9302, 0.3472,
0.3212

 83.1834, 0.3282,
0.3252

99.6611, 0.3130,
0.3289

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.



27.4082, 0.4155, 0.2399



27.4082, 0.5178, 0.3067



27.4082, 0.5425, 0.3810

Triad

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



27.4082, 0.5178, 0.3067



27.4082, 0.2955, 0.5484



27.4082, 0.1425, 0.1687

Complementary

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



27.4082, 0.5178, 0.3067



78.6589, 0.2428, 0.3621

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.



27.4082, 0.1245, 0.2089



27.4082, 0.5178, 0.3067



27.4082, 0.1993, 0.4442

Square

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



27.4082, 0.5178, 0.3067



27.4082, 0.4012, 0.5372



27.4082, 0.1408, 0.3016



27.4082, 0.1957, 0.1647

Rectangle

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



27.4082, 0.5178, 0.3067



27.4082, 0.5156, 0.4348



27.4082, 0.1408, 0.3016



27.4082, 0.1328, 0.1775

Sweetspot

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



27.4096, 0.5178, 0.3067



67.8729, 0.3489, 0.3208



28.4249, 0.2914, 0.1601



13.7765, 0.3550, 0.3197



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.



27.4096, 0.5178, 0.3067



23.3145, 0.5757, 0.3105



39.2984, 0.5014, 0.3841



18.0317, 0.3271, 0.3254



11.1967, 0.6196, 0.3187



1.1027, 0.5927, 0.3039

Inverse Universe

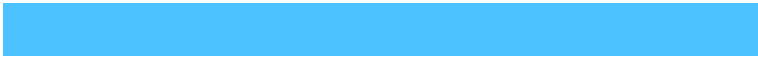
The Inverse Universe completely reimagines the original color for something new.



27.4096, 0.5178, 0.3067



23.3145, 0.5757, 0.3105



47.9382, 0.2135, 0.2519



18.0317, 0.3271, 0.3254



11.1967, 0.6196, 0.3187



1.1027, 0.5927, 0.3039

Previews

White Background



This preview shows how the Yxy color 27.4082, 0.5178, 0.3067 looks on a white background.

Color Contrast Check

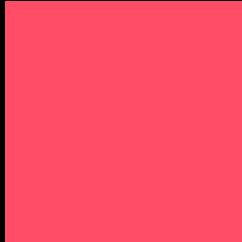
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4082, 0.5178, 0.3067 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 27.4082, 0.5178, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 27.4082, 0.5178, 0.3067.



This preview shows how white text looks on a background with the Yxy color 27.4082, 0.5178, 0.3067.

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

27.4082, 0.5178, 0.3067

Protanopia

27.6343, 0.3282, 0.3452

Deuteranopia

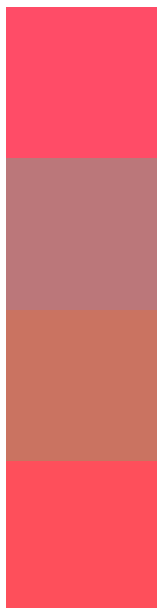
27.4701, 0.4005, 0.3932



Tritanopia

27.4482, 0.5392, 0.3264

Trichromacy



Original Color

27.4082, 0.5178, 0.3067

Protanomaly

25.1636, 0.3953, 0.3250

Deuteranomaly

25.6811, 0.4480, 0.3524

Tritanomaly

27.4181, 0.5312, 0.3197

Monochromacy



Original Color

27.4082, 0.5178, 0.3067

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.3406, 0.3861, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4082, 0.5178, 0.3067 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, 76, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 76, 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, 76, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 76, 103) }
```

Border

The CSS property to change the border of an element to Yxy 27.4082, 0.5178, 0.3067 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, 76, 103) }
```

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

```
.border{ border-color:rgb(255, 76, 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, 76, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 76, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 76, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 76,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4082, 0.5178, 0.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 76, 103) }
```

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

```
.background{ background-color: rgb(255, 76,  
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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