

Converting Colors

$Y_{xy}(27.4960, 0.5162, 0.3062)$

Have a look what the booklet for
Yxy(27.4960, 0.5162, 0.3062)
contains.

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Color

Yxy(27.5672, 0.5159, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	FF4D68
RGB	255, 77, 104
RGB Percent	100%, 30%, 41%
CMY	0.0000, 0.6982, 0.5921
CMYK	0.00, 0.70, 0.59, 0.00
HSL	351°, 100%, 65%
HSV	351°, 70%, 100%
XYZ	46.4010, 27.5672, 15.9737
YIQ	133.3000, 97.4210, 46.1330

Conversions

Conversions Part 2

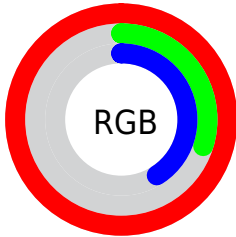
Format	Color
R_{YB}	255, 77, 104
Decimal	16731496
CIE Lab	59.50, 68.29, 24.68
CIE LCh	59, 72.612, 19.872
Yxy	27.5672, 0.5159, 0.3065
Android (android.graphics.Color)	4294921576 (0xFFFF4D68)
YUV	133.3000, -14.4449, 106.7309
Hunter-Lab	52.5045, 65.8673, 18.7151

Details

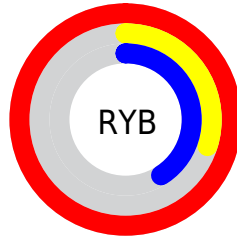
The Yxy color **27.5672, 0.5159, 0.3065** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **78.6959, 0.2431, 0.3622**, and the grayscale version is **23.5905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.2349, 0.4201, 0.3095**, and **11.3718, 0.5774, 0.2954** is the 20% darker color. If you saturate the color by 10%, you get **24.2839, 0.5589, 0.3086**, and if you desaturate by 10%, it is **32.3523, 0.4724, 0.3070**.

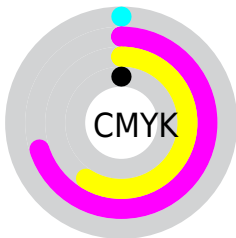
Distribution



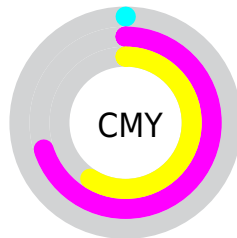
- Red (100%)
- Green (30%)
- Blue (41%)



- Red (100%)
- Yellow (30%)
- Blue (41%)



- Cyan (0%)
- Magenta (70%)
- Yellow (59%)
- Black (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5672, 0.5159, 0.3065 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 27.5672, 0.5159, 0.3065 by changing the saturation by 10% instead.

 27.5672, 0.5159,
0.3065


 27.5672, 0.5159,
0.3065


290.3930, 0.4059,
0.3246


 17.9997, 0.5451,
0.2994


 55.7927, 0.4744,
0.3149

 10.9497, 0.5829,
0.2887


 75.2195, 0.4592,
0.3175

 6.0331, 0.6330,
0.2718

 98.7014, 0.4466,
0.3195

 2.8652, 0.7025,
0.2443

 126.6230, 0.4359,
0.3210

 1.0618, 0.8020,
0.1980

159.3685, 0.4268,
0.3222

 0.0000, 1.0000,
0.0000

197.3224, 0.4189,

 0.0000, 0.0000,


0.3232


0.0000


240.8691, 0.4120,
0.3240


 27.5672, 0.5159,
0.3065


 27.5672, 0.5159,
0.3065

 24.2839, 0.5589,
0.3086


 32.3523, 0.4724,
0.3070


 22.3317, 0.5959,
0.3135


 38.8053, 0.4326,
0.3095


 21.4175, 0.6220,
0.3201

 47.0570, 0.3982,
0.3130

 21.4047, 0.6224,
0.3202

 57.2285, 0.3696,
0.3171

 69.4302, 0.3463,
0.3213

 83.7643, 0.3276,
0.3253

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.



27.5672, 0.4139, 0.2400



27.5672, 0.5159, 0.3065



27.5672, 0.5413, 0.3806

Triad

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



27.5672, 0.5159, 0.3065



27.5672, 0.2966, 0.5470



27.5672, 0.1431, 0.1698

Complementary

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



27.5672, 0.5159, 0.3065



78.6959, 0.2431, 0.3622

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.



27.5672, 0.1254, 0.2102



27.5672, 0.5159, 0.3065



27.5672, 0.2007, 0.4444

Square

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



27.5672, 0.5159, 0.3065



27.5672, 0.4018, 0.5356



27.5672, 0.1420, 0.3028



27.5672, 0.1959, 0.1655

Rectangle

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



27.5672, 0.5159, 0.3065



27.5672, 0.5150, 0.4340



27.5672, 0.1420, 0.3028



27.5672, 0.1335, 0.1786

Sweetspot

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



27.5632, 0.5159, 0.3065



67.8758, 0.3488, 0.3208



28.5839, 0.2916, 0.1607



13.7771, 0.3549, 0.3196



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.



27.5632, 0.5159, 0.3065



23.3175, 0.5755, 0.3103



39.4921, 0.5000, 0.3840



18.0320, 0.3270, 0.3254



11.1977, 0.6194, 0.3186



1.1028, 0.5924, 0.3037

Inverse Universe

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



27.5632, 0.5159, 0.3065



23.3175, 0.5755, 0.3103



48.1217, 0.2139, 0.2524



18.0320, 0.3270, 0.3254



11.1977, 0.6194, 0.3186



1.1028, 0.5924, 0.3037

Previews

White Background



This preview shows how the Yxy color 27.5672, 0.5159, 0.3065 looks on a white background.

Color Contrast Check

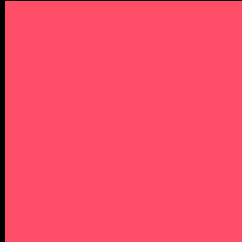
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5672, 0.5159, 0.3065 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 27.5672, 0.5159, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 27.5672, 0.5159, 0.3065.



This preview shows how white text looks on a background with the Yxy color 27.5672, 0.5159, 0.3065.

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

27.5672, 0.5159, 0.3065

Protanopia

27.6621, 0.3272, 0.3436

Deuteranopia

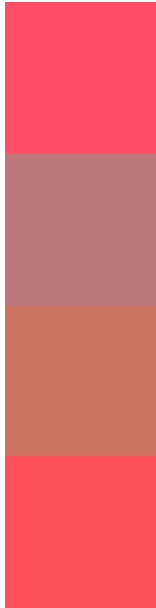
27.4882, 0.3994, 0.3917



Tritanopia

27.6116, 0.5373, 0.3264

Trichromacy



Original Color

27.5672, 0.5159, 0.3065

Protanomaly

25.1885, 0.3940, 0.3236

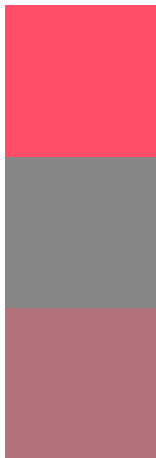
Deuteranomaly

25.6999, 0.4467, 0.3512

Tritanomaly

27.5809, 0.5293, 0.3196

Monochromacy



Original Color

27.5672, 0.5159, 0.3065

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.5625, 0.3857, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5672, 0.5159, 0.3065 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, 77, 104)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 104)  
}
```

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, 77, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 104) }
```

Border

The CSS property to change the border of an element to Yxy 27.5672, 0.5159, 0.3065 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, 77, 104) }
```

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

```
.border{ border-color:rgb(255, 77, 104) }
```

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

Here you see how a box with a 4 pixel rgb(255, 77, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 104);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
104) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 27.5672, 0.5159, 0.3065$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 104) }
```

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

```
.background{ background-color: rgb(255, 77,  
104) }
```

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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