

Converting Colors

$Y_{xy}(27.3613, 0.5252, 0.3123)$

Have a look what the booklet for
Yxy(27.3613, 0.5252, 0.3123)
contains.

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Color

Yxy(27.4308, 0.5253, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	FF4D61
RGB	255, 77, 97
RGB Percent	100%, 30%, 38%
CMY	0.0000, 0.6980, 0.6195
CMYK	0.00, 0.70, 0.62, 0.00
HSL	353°, 100%, 65%
HSV	353°, 70%, 100%
XYZ	46.0511, 27.4308, 14.1844
YIQ	132.5020, 99.6680, 43.9560

Conversions

Conversions Part 2

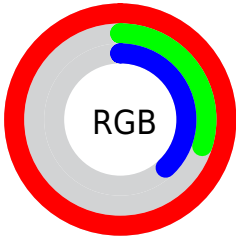
Format	Color
RYB	255, 77, 97
Decimal	16731489
CIELab	59.37, 67.83, 28.56
CIELCh	59, 73.602, 22.835
Yxy	27.4308, 0.5253, 0.3129
Android (android.graphics.Color)	4294921569 (0xFFFF4D61)
YUV	132.5020, -17.5025, 107.4307
Hunter-Lab	52.3744, 65.2940, 20.6048

Details

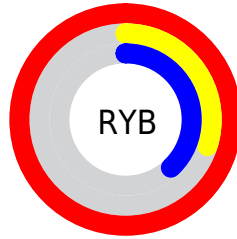
The Yxy color **27.4308, 0.5253, 0.3129** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed rose. A complement of this color would be **79.0912, 0.2403, 0.3532**, and the grayscale version is **23.3063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.9749, 0.4292, 0.3179**, and **11.3154, 0.5881, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **24.1716, 0.5691, 0.3148**, and if you desaturate by 10%, it is **32.2110, 0.4802, 0.3130**.

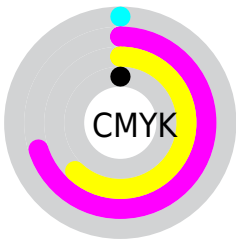
Distribution



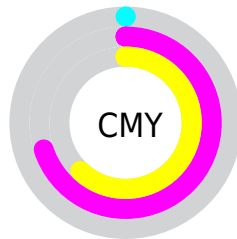
- Red (100%)
- Green (30%)
- Blue (38%)



- Red (100%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (70%)
- Yellow (62%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.4308, 0.5253, 0.3129 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 27.4308, 0.5253, 0.3129 by changing the saturation by 10% instead.


 27.4308, 0.5253,
0.3129


 27.4308, 0.5253,
0.3129


289.7370, 0.4104,
0.3288


 17.8970, 0.5554,
0.3059


 55.5744, 0.4821,
0.3208

 10.8761, 0.5942,
0.2952


 74.9530, 0.4663,
0.3231

 5.9836, 0.6449,
0.2777

 98.3820, 0.4531,
0.3248

 2.8351, 0.7192,
0.2508

 126.2458, 0.4419,
0.3261

 1.0463, 0.8017,
0.1983

158.9288, 0.4323,
0.3270

 0.0000, 1.0000,
0.0000

196.8154, 0.4240,

 0.0000, 0.0000,

0.3277

0.0000

240.2900, 0.4168,
0.3283

■ 27.4308, 0.5253,
0.3129

■ 27.4308, 0.5253,
0.3129

■ 24.1716, 0.5691,
0.3148

■ 32.2110, 0.4802,
0.3130

■ 22.2442, 0.6053,
0.3189

■ 38.6627, 0.4384,
0.3147


■ 21.3594, 0.6289,
0.3239

■ 46.9237, 0.4023,
0.3173

■ 21.3459, 0.6293,
0.3240

■ 57.1160, 0.3722,
0.3202

■ 69.3511, 0.3478,
0.3233

 83.7320, 0.3282,
0.3263

99.9988, 0.3127,
0.3290

Harmonies

Analogous

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



27.4308, 0.4277, 0.2449



27.4308, 0.5253, 0.3129



27.4308, 0.5421, 0.3881

Triad

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



27.4308, 0.5253, 0.3129



27.4308, 0.2853, 0.5456



27.4308, 0.1448, 0.1661

Complementary

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



27.4308, 0.5253, 0.3129



79.0912, 0.2403, 0.3532

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.



27.4308, 0.1237, 0.2024



27.4308, 0.5253, 0.3129



27.4308, 0.1911, 0.4316

Square

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



27.4308, 0.5253, 0.3129



27.4308, 0.3919, 0.5435



27.4308, 0.1366, 0.2901



27.4308, 0.2019, 0.1649

Rectangle

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



27.4308, 0.5253, 0.3129



27.4308, 0.5108, 0.4426



27.4308, 0.1366, 0.2901



27.4308, 0.1341, 0.1737

Sweetspot

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



27.4324, 0.5253, 0.3129



67.7716, 0.3505, 0.3229



30.0608, 0.3001, 0.1649



13.7529, 0.3569, 0.3221



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.



27.4324, 0.5253, 0.3129



23.2125, 0.5856, 0.3163



42.1192, 0.4918, 0.3928



18.0203, 0.3277, 0.3264



11.1649, 0.6268, 0.3227



1.0973, 0.6038, 0.3100

Inverse Universe

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



27.4324, 0.5253, 0.3129



23.2125, 0.5856, 0.3163



44.2406, 0.2109, 0.2402



18.0203, 0.3277, 0.3264



11.1649, 0.6268, 0.3227



1.0973, 0.6038, 0.3100

Previews

White Background



This preview shows how the Yxy color 27.4308, 0.5253, 0.3129 looks on a white background.

Color Contrast Check

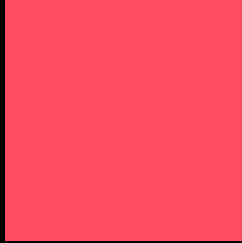
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4308, 0.5253, 0.3129 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 27.4308, 0.5253, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 27.4308, 0.5253, 0.3129.



This preview shows how white text looks on a background with the Yxy color 27.4308, 0.5253, 0.3129.

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

27.4308, 0.5253, 0.3129

Protanopia

27.6096, 0.3387, 0.3583

Deuteranopia

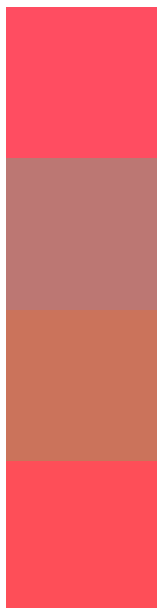
27.4801, 0.4080, 0.4013



Tritanopia

27.2873, 0.5411, 0.3265

Trichromacy



Original Color

27.4308, 0.5253, 0.3129

Protanomaly

25.1228, 0.4056, 0.3349

Deuteranomaly

25.7133, 0.4566, 0.3596

Tritanomaly

27.2242, 0.5357, 0.3215

Monochromacy



Original Color

27.4308, 0.5253, 0.3129

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.5134, 0.3884, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4308, 0.5253, 0.3129 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, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 97)  
}
```

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, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 97) }
```

Border

The CSS property to change the border of an element to Yxy 27.4308, 0.5253, 0.3129 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, 97) }
```

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

```
.border{ border-color:rgb(255, 77, 97) }
```

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, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4308, 0.5253, 0.3129 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, 97) }
```

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

```
.background{ background-color: rgb(255, 77,  
97) }
```

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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