

Converting Colors

$Y_{xy}(27.4085, 0.5233, 0.3111)$

Have a look what the booklet for
Yxy(27.4085, 0.5233, 0.3111)
contains.

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Color

Yxy(27.4686, 0.5227, 0.3111)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF4D63 |
| RGB | 255, 77, 99 |
| RGB Percent | 100%, 30%, 39% |
| CMY | 0.0000, 0.6981, 0.6118 |
| CMYK | 0.00, 0.70, 0.61, 0.00 |
| HSL | 353°, 100%, 65% |
| HSV | 353°, 70%, 100% |
| XYZ | 46.1518, 27.4686, 14.6746 |
| YIQ | 132.7300, 99.0260, 44.5780 |

Conversions

Conversions Part 2

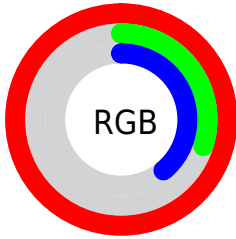
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 255, 77, 99 |
| Decimal | 16731491 |
| CIELab | 59.41, 67.97, 27.47 |
| CIELCh | 59, 73.311, 22.005 |
| Yxy | 27.4686, 0.5227, 0.3111 |
| Android (android.graphics.Color) | 4294921571 (0xFFFF4D63) |
| YUV | 132.7300, -16.6289, 107.2308 |
| Hunter-Lab | 52.4105, 65.4659, 20.0865 |

Details

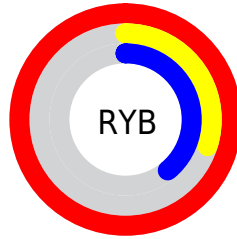
The Yxy color **27.4686, 0.5227, 0.3111** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **78.9791, 0.2411, 0.3558**, and the grayscale version is **23.3826, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.0703, 0.4258, 0.3148**, and **11.3334, 0.5846, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **24.2011, 0.5663, 0.3131**, and if you desaturate by 10%, it is **32.2471, 0.4780, 0.3113**.

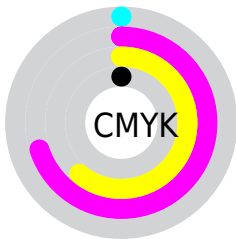
Distribution



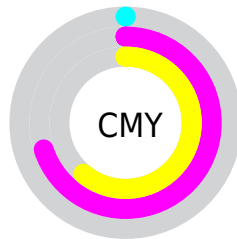
- Red (100%)
- Green (30%)
- Blue (39%)



- Red (100%)
- Yellow (30%)
- Blue (39%)



- Cyan (0%)
- Magenta (70%)
- Yellow (61%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4686, 0.5227, 0.3111 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 27.4686, 0.5227, 0.3111 by changing the saturation by 10% instead.


 27.4686, 0.5227,
0.3111


 27.4686, 0.5227,
0.3111


289.9189, 0.4092,
0.3276


 17.9255, 0.5526,
0.3041


 55.6349, 0.4800,
0.3191

 10.8965, 0.5911,
0.2934


 75.0269, 0.4643,
0.3215

 5.9973, 0.6417,
0.2761

 98.4706, 0.4513,
0.3233

 2.8434, 0.7144,
0.2489

 126.3504, 0.4402,
0.3246

 1.0505, 0.8018,
0.1982

159.0508, 0.4308,
0.3257

 0.0000, 1.0000,
0.0000


196.9560, 0.4226,


 0.0000, 0.0000,

0.3265


0.0000


240.4506, 0.4155,
0.3271

 27.4686, 0.5227,
0.3111


 27.4686, 0.5227,
0.3111


 24.2011, 0.5663,
0.3131


 32.2471, 0.4780,
0.3113


 22.2673, 0.6028,
0.3174


 38.6983, 0.4368,
0.3132


 21.3746, 0.6271,
0.3230

 46.9557, 0.4011,
0.3160

 21.3618, 0.6275,
0.3230

 57.1410, 0.3715,
0.3193

 69.3655, 0.3474,
0.3227

 83.7319, 0.3280,
0.3260

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.



27.4686, 0.4238, 0.2436



27.4686, 0.5227, 0.3111



27.4686, 0.5419, 0.3860

Triad

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



27.4686, 0.5227, 0.3111



27.4686, 0.2885, 0.5460



27.4686, 0.1443, 0.1671

Complementary

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



27.4686, 0.5227, 0.3111



78.9791, 0.2411, 0.3558

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.



27.4686, 0.1242, 0.2046



27.4686, 0.5227, 0.3111



27.4686, 0.1938, 0.4353

Square

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



27.4686, 0.5227, 0.3111



27.4686, 0.3947, 0.5412



27.4686, 0.1381, 0.2937



27.4686, 0.2001, 0.1651

Rectangle

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



27.4686, 0.5227, 0.3111



27.4686, 0.5121, 0.4402



27.4686, 0.1381, 0.2937



27.4686, 0.1339, 0.1750

Sweetspot

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



27.4663, 0.5227, 0.3111



67.8011, 0.3500, 0.3223



29.5584, 0.2973, 0.1635



13.7597, 0.3563, 0.3214



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.



27.4663, 0.5227, 0.3111



23.2409, 0.5828, 0.3146



41.2179, 0.4946, 0.3899



18.0236, 0.3275, 0.3261



11.1733, 0.6249, 0.3216



1.0989, 0.6005, 0.3082

Inverse Universe

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



27.4663, 0.5227, 0.3111



23.2409, 0.5828, 0.3146



45.5059, 0.2119, 0.2443



18.0236, 0.3275, 0.3261



11.1733, 0.6249, 0.3216



1.0989, 0.6005, 0.3082

Previews

White Background



This preview shows how the Yxy color 27.4686, 0.5227, 0.3111 looks on a white background.

Color Contrast Check

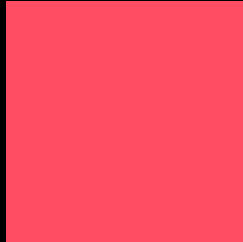
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4686, 0.5227, 0.3111 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 27.4686, 0.5227, 0.3111

Background



This preview shows how black text looks on a background with the Yxy color 27.4686, 0.5227, 0.3111.



This preview shows how white text looks on a background with the Yxy color 27.4686, 0.5227, 0.3111.

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

27.4686, 0.5227, 0.3111

Protanopia

27.5930, 0.3345, 0.3534

Deuteranopia

27.5137, 0.4059, 0.3985



Tritanopia

27.4482, 0.5392, 0.3264

Trichromacy



Original Color

27.4686, 0.5227, 0.3111

Protanomaly

25.1694, 0.4030, 0.3321

Deuteranomaly

25.7483, 0.4541, 0.3572

Tritanomaly

27.3841, 0.5337, 0.3214

Monochromacy



Original Color

27.4686, 0.5227, 0.3111

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.5378, 0.3871, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4686, 0.5227, 0.3111 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, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 99)  
}
```

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, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 99) }
```

Border

The CSS property to change the border of an element to Yxy 27.4686, 0.5227, 0.3111 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, 99) }
```

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

```
.border{ border-color:rgb(255, 77, 99) }
```

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, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4686, 0.5227, 0.3111 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, 99) }
```

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

```
.background{ background-color: rgb(255, 77,  
99) }
```

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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