

Converting Colors

$Y_{xy}(27.2873, 0.4832, 0.3155)$

Have a look what the booklet for
Yxy(27.2873, 0.4832, 0.3155)
contains.

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Color

Yxy(27.2931, 0.4824, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	ED5F6D
RGB	237, 95, 109
RGB Percent	93%, 37%, 43%
CMY	0.0705, 0.6275, 0.5725
CMYK	0.00, 0.60, 0.54, 0.07
HSL	354°, 80%, 65%
HSV	354°, 60%, 93%
XYZ	41.7842, 27.2931, 17.5400
YIQ	139.0540, 80.1380, 34.4580

Conversions

Conversions Part 2

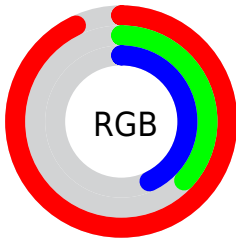
Format	Color
R_{YB}	237, 95, 109
Decimal	15556461
CIE Lab	59.24, 55.85, 20.91
CIE LCh	59, 59.640, 20.524
Yxy	27.2931, 0.4824, 0.3151
Android (android.graphics.Color)	4293746541 (0xFFED5F6D)
YUV	139.0540, -14.8166, 85.8986
Hunter-Lab	52.2428, 51.3407, 16.6639

Details

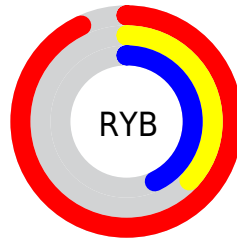
The Yxy color **27.2931, 0.4824, 0.3151** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **68.3402, 0.2452, 0.3467**, and the grayscale version is **25.8750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.9313, 0.4084, 0.3198**, and **10.8397, 0.5410, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **23.2498, 0.5278, 0.3151**, and if you desaturate by 10%, it is **32.7496, 0.4402, 0.3165**.

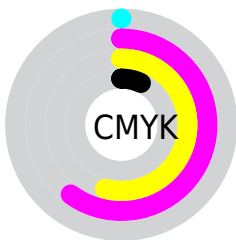
Distribution



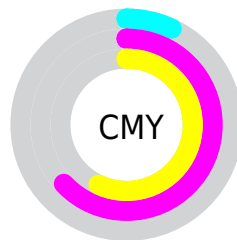
- Red (93%)
- Green (37%)
- Blue (43%)



- Red (93%)
- Yellow (37%)
- Blue (43%)



- Cyan (0%)
- Magenta (60%)
- Yellow (54%)
- Black (7%)





- Cyan (7%)
- Magenta (63%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2931, 0.4824, 0.3151 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 27.2931, 0.4824, 0.3151 by changing the saturation by 10% instead.


 27.2931, 0.4824,
0.3151


 27.2931, 0.4824,
0.3151

289.0735, 0.3898,
0.3270


 17.7935, 0.5076,
0.3102


 55.3538, 0.4471,
0.3208

 10.8018, 0.5410,
0.3025


 74.6837, 0.4343,
0.3225

 5.9337, 0.5864,
0.2898

 98.0592, 0.4237,
0.3238

 2.8048, 0.6506,
0.2676

 125.8646, 0.4147,
0.3248

 1.0307, 0.7671,
0.2329

158.4843, 0.4071,
0.3255

 0.0000, 1.0000,
0.0000

196.3028, 0.4005,

 0.0000, 0.0000,

0.3261

0.0000

239.7044, 0.3948,
0.3266

■ 27.2931, 0.4824,
0.3151

■ 27.2931, 0.4824,
0.3151

■ 23.2498, 0.5278,
0.3151

■ 32.7496, 0.4402,
0.3165

■ 20.4850, 0.5717,
0.3168

■ 39.7289, 0.4036,
0.3187

■ 18.8456, 0.6076,
0.3205


■ 48.3350, 0.3732,
0.3213

■ 18.0764, 0.6306,
0.3248

■ 58.6616, 0.3485,
0.3240

■ 18.0719, 0.6307,
0.3248

■ 70.7952, 0.3286,
0.3266

 84.8164, 0.3126,
0.3290

 96.7484, 0.3017,
0.3290

Harmonies

Analogous

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



27.2931, 0.3995, 0.2549



27.2931, 0.4824, 0.3151



27.2931, 0.5061, 0.3822

Triad

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



27.2931, 0.4824, 0.3151



27.2931, 0.3023, 0.5034



27.2931, 0.1664, 0.1919

Complementary

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



27.2931, 0.4824, 0.3151



68.3402, 0.2452, 0.3467

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.



27.2931, 0.1500, 0.2292



27.2931, 0.4824, 0.3151



27.2931, 0.2190, 0.4199

Square

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



27.2931, 0.4824, 0.3151



27.2931, 0.3932, 0.5052



27.2931, 0.1662, 0.3083



27.2931, 0.2149, 0.1875

Rectangle

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



27.2931, 0.4824, 0.3151



27.2931, 0.4868, 0.4284



27.2931, 0.1662, 0.3083



27.2931, 0.1575, 0.2003

Sweetspot

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



27.2946, 0.4824, 0.3151



71.7465, 0.3444, 0.3245



29.9565, 0.3052, 0.1838



14.5234, 0.3508, 0.3237



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.



27.2946, 0.4824, 0.3151



26.5480, 0.5385, 0.3153



41.2258, 0.4561, 0.3902



15.0782, 0.3277, 0.3267



9.8731, 0.6285, 0.3236



0.7835, 0.6027, 0.3094

Inverse Universe

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



27.2946, 0.4824, 0.3151



26.5480, 0.5385, 0.3153



41.2740, 0.2220, 0.2519



15.0782, 0.3277, 0.3267



9.8731, 0.6285, 0.3236



0.7835, 0.6027, 0.3094

Previews

White Background



This preview shows how the Yxy color 27.2931, 0.4824, 0.3151 looks on a white background.

Color Contrast Check

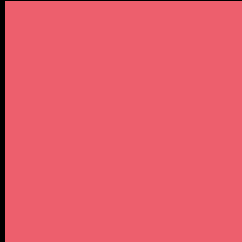
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2931, 0.4824, 0.3151 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 27.2931, 0.4824, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 27.2931, 0.4824, 0.3151.



This preview shows how white text looks on a background with the Yxy color 27.2931, 0.4824, 0.3151.

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

27.2931, 0.4824, 0.3151

Protanopia

27.6068, 0.3292, 0.3469

Deuteranopia

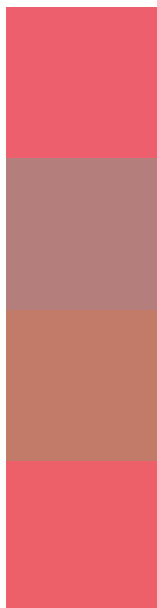
27.3967, 0.3894, 0.3821



Tritanopia

27.3296, 0.4912, 0.3235

Trichromacy



Original Color

27.2931, 0.4824, 0.3151

Protanomaly

26.0802, 0.3810, 0.3321

Deuteranomaly

26.4083, 0.4237, 0.3523

Tritanomaly

27.3902, 0.4872, 0.3203

Monochromacy



Original Color

27.2931, 0.4824, 0.3151

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.8384, 0.3712, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2931, 0.4824, 0.3151 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(237, 95, 109)` looks like.

```
.text, #text, p{  
    color:rgb(237, 95, 109)  
}
```

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(237, 95, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 95, 109) }
```

Border

The CSS property to change the border of an element to Yxy 27.2931, 0.4824, 0.3151 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(237, 95, 109) }
```

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

```
.border{ border-color:rgb(237, 95, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 95, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 95, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 95, 109);  
box-shadow:4px 4px 4px 4px rgb(237, 95,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2931, 0.4824, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 95, 109) }
```

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

```
.background{ background-color: rgb(237, 95,  
109) }
```

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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