

Converting Colors

Yxy(27.3836, 0.4794, 0.3129)

Have a look what the booklet for
Yxy(27.3836, 0.4794, 0.3129)
contains.

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Color

Yxy(27.3366, 0.4796, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	ED5F6F
RGB	237, 95, 111
RGB Percent	93%, 37%, 44%
CMY	0.0706, 0.6274, 0.5646
CMYK	0.00, 0.60, 0.53, 0.07
HSL	353°, 80%, 65%
HSV	353°, 60%, 93%
XYZ	41.8870, 27.3366, 18.1138
YIQ	139.2820, 79.4960, 35.0800

Conversions

Conversions Part 2

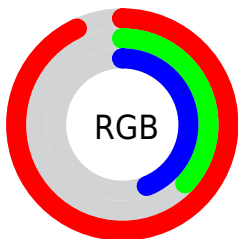
Format	Color
R _Y B	237, 95, 111
Decimal	15556463
CIE Lab	59.28, 55.99, 19.80
CIE LCh	59, 59.393, 19.478
Yxy	27.3366, 0.4796, 0.3130
Android (android.graphics.Color)	4293746543 (0xFFED5F6F)
YUV	139.2820, -13.9430, 85.6987
Hunter-Lab	52.2844, 51.5053, 16.0583

Details

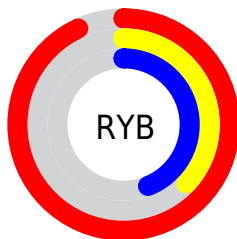
The Yxy color **27.3366, 0.4796, 0.3130** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **68.2201, 0.2460, 0.3493**, and the grayscale version is **25.9668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.0019, 0.4063, 0.3177**, and **10.8620, 0.5369, 0.2997** is the 20% darker color. If you saturate the color by 10%, you get **23.2880, 0.5245, 0.3128**, and if you desaturate by 10%, it is **32.7955, 0.4381, 0.3147**.

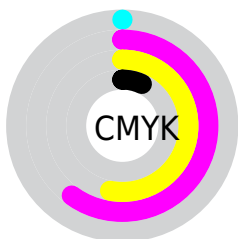
Distribution



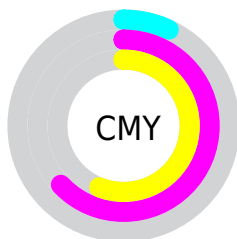
- Red (93%)
- Green (37%)
- Blue (44%)



- Red (93%)
- Yellow (37%)
- Blue (44%)



- Cyan (0%)
- Magenta (60%)
- Yellow (53%)
- Black (7%)



- Cyan (7%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3366, 0.4796, 0.3130 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 27.3366, 0.4796, 0.3130 by changing the saturation by 10% instead.


 27.3366, 0.4796,
0.3130


 27.3366, 0.4796,
0.3130


289.2832, 0.3885,
0.3257


 17.8262, 0.5045,
0.3079


 55.4235, 0.4448,
0.3190


 10.8253, 0.5373,
0.3002


 74.7688, 0.4322,
0.3208

 5.9495, 0.5823,
0.2875

 98.1612, 0.4218,
0.3222

 2.8144, 0.6460,
0.2654

 125.9851, 0.4130,
0.3232

 1.0356, 0.7673,
0.2327

158.6248, 0.4055,
0.3241

 0.0000, 1.0000,
0.0000

196.4648, 0.3991,

 0.0000, 0.0000,

0.3247

0.0000

239.8895, 0.3934,
0.3253

■ 27.3366, 0.4796,
0.3130

■ 27.3366, 0.4796,
0.3130

■ 23.2880, 0.5245,
0.3128

■ 32.7955, 0.4381,
0.3147

■ 20.5154, 0.5682,
0.3147

■ 39.7739, 0.4021,
0.3172

■ 18.8666, 0.6045,
0.3187


■ 48.3754, 0.3722,
0.3202

■ 18.0874, 0.6285,
0.3237

■ 58.6933, 0.3479,
0.3233

■ 18.0821, 0.6287,
0.3237

■ 70.8137, 0.3283,
0.3262

 84.8171, 0.3126,
0.3290

 96.7442, 0.3017,
0.3290

Harmonies

Analogous

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



27.3366, 0.3956, 0.2534



27.3366, 0.4796, 0.3130



27.3366, 0.5056, 0.3797

Triad

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



27.3366, 0.4796, 0.3130



27.3366, 0.3056, 0.5040



27.3366, 0.1658, 0.1932

Complementary

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



27.3366, 0.4796, 0.3130



68.2201, 0.2460, 0.3493

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.



27.3366, 0.1506, 0.2317



27.3366, 0.4796, 0.3130



27.3366, 0.2219, 0.4233

Square

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



27.3366, 0.4796, 0.3130



27.3366, 0.3960, 0.5033



27.3366, 0.1680, 0.3120



27.3366, 0.2131, 0.1877

Rectangle

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



27.3366, 0.4796, 0.3130



27.3366, 0.4877, 0.4258



27.3366, 0.1680, 0.3120



27.3366, 0.1573, 0.2019

Sweetspot

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



27.3381, 0.4796, 0.3130



71.7792, 0.3439, 0.3238



29.5833, 0.3029, 0.1828



14.5312, 0.3503, 0.3229



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.



27.3381, 0.4796, 0.3130



26.5921, 0.5352, 0.3131



40.4640, 0.4580, 0.3876



15.0817, 0.3275, 0.3264



9.8818, 0.6262, 0.3223



0.7851, 0.5978, 0.3067

Inverse Universe

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



27.3381, 0.4796, 0.3130



26.5921, 0.5352, 0.3131



42.2367, 0.2228, 0.2553



15.0817, 0.3275, 0.3264



9.8818, 0.6262, 0.3223



0.7851, 0.5978, 0.3067

Previews

White Background



This preview shows how the Yxy color 27.3366, 0.4796, 0.3130 looks on a white background.

Color Contrast Check

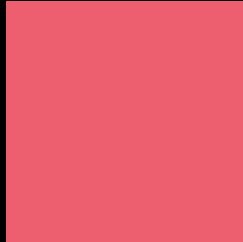
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3366, 0.4796, 0.3130 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 27.3366, 0.4796, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 27.3366, 0.4796, 0.3130.



This preview shows how white text looks on a background with the Yxy color 27.3366, 0.4796, 0.3130.

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

27.3366, 0.4796, 0.3130

Protanopia

27.6621, 0.3272, 0.3436

Deuteranopia

27.3258, 0.3860, 0.3793



Tritanopia

27.1779, 0.4890, 0.3224

Trichromacy



Original Color

27.3366, 0.4796, 0.3130

Protanomaly

26.1314, 0.3786, 0.3292

Deuteranomaly

26.4499, 0.4212, 0.3496

Tritanomaly

27.2392, 0.4849, 0.3192

Monochromacy



Original Color

27.3366, 0.4796, 0.3130

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.8649, 0.3700, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3366, 0.4796, 0.3130 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, 111)` looks like.

```
.text, #text, p{  
  color:rgb(237, 95, 111)  
}
```

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, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 95, 111) }
```

Border

The CSS property to change the border of an element to Yxy 27.3366, 0.4796, 0.3130 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, 111) }
```

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

```
.border{ border-color:rgb(237, 95, 111) }
```

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, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 95, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 95, 111);  
box-shadow:4px 4px 4px 4px rgb(237, 95,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3366, 0.4796, 0.3130 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, 111) }
```

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

```
.background{ background-color: rgb(237, 95,  
111) }
```

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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