

Converting Colors

$Y_{xy}(27.0879, 0.4703, 0.3114)$

Have a look what the booklet for
Yxy(27.0879, 0.4703, 0.3114)
contains.

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Color

Yxy(27.0879, 0.4703, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	E96172
RGB	233, 97, 114
RGB Percent	91%, 38%, 45%
CMY	0.0864, 0.6195, 0.5530
CMYK	0.00, 0.58, 0.51, 0.09
HSL	353°, 76%, 65%
HSV	353°, 58%, 91%
XYZ	40.9102, 27.0879, 18.9894
YIQ	139.6020, 75.5990, 34.1190

Conversions

Conversions Part 2

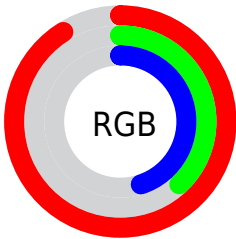
Format	Color
R _Y B	233, 97, 114
Decimal	15294834
CIE Lab	59.06, 54.00, 17.66
CIE LCh	59, 56.816, 18.115
Yxy	27.0879, 0.4703, 0.3114
Android (android.graphics.Color)	4293484914 (0xFFE96172)
YUV	139.6020, -12.6218, 81.9100
Hunter-Lab	52.0460, 49.2274, 14.7998

Details

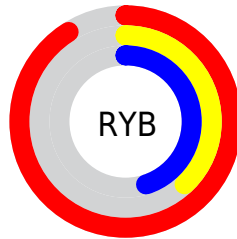
The Yxy color **27.0879, 0.4703, 0.3114** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **65.7661, 0.2479, 0.3508**, and the grayscale version is **26.0944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.4696, 0.4017, 0.3145**, and **10.6816, 0.5259, 0.2995** is the 20% darker color. If you saturate the color by 10%, you get **22.9826, 0.5143, 0.3108**, and if you desaturate by 10%, it is **32.5635, 0.4302, 0.3135**.

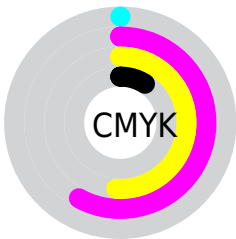
Distribution



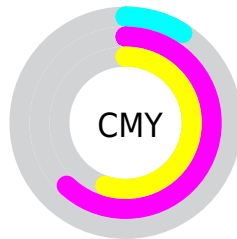
- Red (91%)
- Green (38%)
- Blue (45%)



- Red (91%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (58%)
- Yellow (51%)
- Black (9%)



- Cyan (9%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0879, 0.4703, 0.3114 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 27.0879, 0.4703, 0.3114 by changing the saturation by 10% instead.


 27.0879, 0.4703,
0.3114


 27.0879, 0.4703,
0.3114


288.0825, 0.3841,
0.3245

 17.6392, 0.4940,
0.3064


 55.0249, 0.4373,
0.3173

 10.6913, 0.5256,
0.2989


 74.2820, 0.4254,
0.3192

 5.8597, 0.5691,
0.2868


 97.5774, 0.4155,
0.3206

 2.7599, 0.6317,
0.2657

 125.2955, 0.4072,
0.3217

 1.0077, 0.7623,
0.2377

157.8206, 0.4001,
0.3226

 0.0000, 1.0000,
0.0000

195.5373, 0.3940,

 0.0000, 0.0000,

0.3233

0.0000

238.8297, 0.3887,
0.3239

■ 27.0879, 0.4703,
0.3114

■ 27.0879, 0.4703,
0.3114

■ 22.9826, 0.5143,
0.3108

■ 32.5635, 0.4302,
0.3135

■ 20.1221, 0.5583,
0.3124

■ 39.5119, 0.3957,
0.3165

■ 18.3652, 0.5964,
0.3163

■ 48.0306, 0.3672,
0.3198

■ 17.5097, 0.6232,
0.3218

■ 58.2076, 0.3441,
0.3232

■ 17.4087, 0.6266,
0.3225

■ 70.1245, 0.3254,
0.3264

■ 83.8573, 0.3105,
0.3295

■ 96.0597, 0.2993,
0.3290

Harmonies

Analogous

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



27.0879, 0.3881, 0.2537



27.0879, 0.4703, 0.3114



27.0879, 0.4988, 0.3763

Triad

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



27.0879, 0.4703, 0.3114



27.0879, 0.3108, 0.4978



27.0879, 0.1691, 0.1987

Complementary

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



27.0879, 0.4703, 0.3114



65.7661, 0.2479, 0.3508

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.



27.0879, 0.1558, 0.2382



27.0879, 0.4703, 0.3114



27.0879, 0.2288, 0.4239

Square

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



27.0879, 0.4703, 0.3114



27.0879, 0.3979, 0.4954



27.0879, 0.1746, 0.3177



27.0879, 0.2138, 0.1918

Rectangle

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



27.0879, 0.4703, 0.3114



27.0879, 0.4838, 0.4208



27.0879, 0.1746, 0.3177



27.0879, 0.1612, 0.2078

Sweetspot

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



27.0894, 0.4703, 0.3114



71.8074, 0.3435, 0.3233



28.8612, 0.3011, 0.1850



14.5380, 0.3498, 0.3223



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.



27.0894, 0.4703, 0.3114



27.3945, 0.5233, 0.3109



39.0125, 0.4544, 0.3840



15.0846, 0.3273, 0.3261



9.8900, 0.6241, 0.3212



0.7865, 0.5938, 0.3045

Inverse Universe

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



27.0894, 0.4703, 0.3114



27.3945, 0.5233, 0.3109



42.3453, 0.2255, 0.2610



15.0846, 0.3273, 0.3261



9.8900, 0.6241, 0.3212



0.7865, 0.5938, 0.3045

Previews

White Background



This preview shows how the Yxy color 27.0879, 0.4703, 0.3114 looks on a white background.

Color Contrast Check

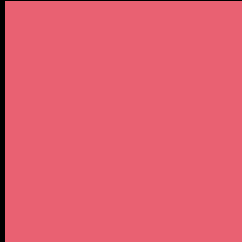
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0879, 0.4703, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

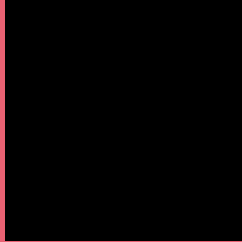
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.0879, 0.4703, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 27.0879, 0.4703, 0.3114.



This preview shows how white text looks on a background with the Yxy color 27.0879, 0.4703, 0.3114.

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

27.0879, 0.4703, 0.3114

Protanopia

27.3266, 0.3242, 0.3388

Deuteranopia

27.2989, 0.3804, 0.3735



Tritanopia

27.0994, 0.4804, 0.3231

Trichromacy



Original Color

27.0879, 0.4703, 0.3114

Protanomaly

25.9452, 0.3737, 0.3262

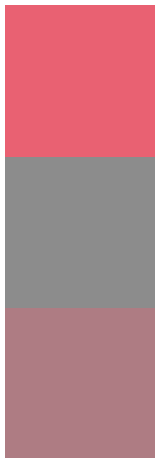
Deuteranomaly

26.2513, 0.4151, 0.3458

Tritanomaly

26.9739, 0.4770, 0.3189

Monochromacy



Original Color

27.0879, 0.4703, 0.3114

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.0527, 0.3659, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0879, 0.4703, 0.3114 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(233, 97, 114)` looks like.

```
.text, #text, p{  
    color:rgb(233, 97, 114)  
}
```

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(233, 97, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 97, 114) }
```

Border

The CSS property to change the border of an element to Yxy 27.0879, 0.4703, 0.3114 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(233, 97, 114) }
```

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

```
.border{ border-color:rgb(233, 97, 114) }
```

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

Here you see how a box with a 4 pixel rgb(233, 97, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 97, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 97, 114);  
box-shadow:4px 4px 4px 4px rgb(233, 97,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0879, 0.4703, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 97, 114) }
```

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

```
.background{ background-color: rgb(233, 97,  
114) }
```

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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