

Converting Colors

$Y_{xy}(27.4983, 0.4284, 0.2636)$

Have a look what the booklet for
Yxy(27.4983, 0.4284, 0.2636)
contains.

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Color

Yxy(27.4015, 0.4279, 0.2629)

Conversions

Conversions Part 1

Format	Color
Hex	EF5797
RGB	239, 87, 151
RGB Percent	94%, 34%, 59%
CMY	0.0626, 0.6589, 0.4077
CMYK	0.00, 0.64, 0.37, 0.06
HSL	335°, 83%, 64%
HSV	335°, 64%, 94%
XYZ	44.5991, 27.4015, 32.2272
YIQ	139.7440, 70.0480, 52.1280

Conversions

Conversions Part 2

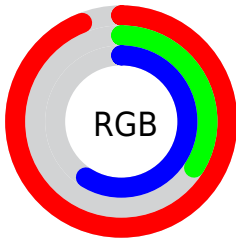
Format	Color
R _Y B	239, 87, 151
Decimal	15685527
CIE Lab	59.34, 63.78, -3.38
CIE LCh	59, 63.868, 356.964
Yxy	27.4015, 0.4279, 0.2629
Android (android.graphics.Color)	4293875607 (0xFFEF5797)
YUV	139.7440, 5.5492, 87.0475
Hunter-Lab	52.3464, 60.4755, 0.1404

Details

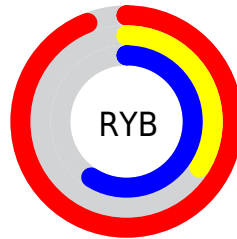
The Yxy color **27.4015, 0.4279, 0.2629** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **66.8680, 0.2648, 0.4163**, and the grayscale version is **26.0766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.6143, 0.3637, 0.2665**, and **10.9047, 0.4682, 0.2421** is the 20% darker color. If you saturate the color by 10%, you get **23.7301, 0.4568, 0.2586**, and if you desaturate by 10%, it is **32.4091, 0.4014, 0.2707**.

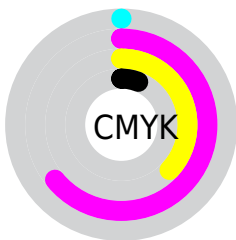
Distribution



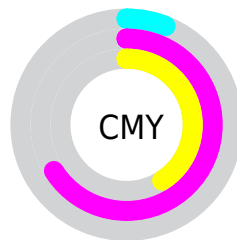
- Red (94%)
- Green (34%)
- Blue (59%)



- Red (94%)
- Yellow (34%)
- Blue (59%)



- Cyan (0%)
- Magenta (64%)
- Yellow (37%)
- Black (6%)





- Cyan (6%)
- Magenta (66%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.4015, 0.4279, 0.2629 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 27.4015, 0.4279, 0.2629 by changing the saturation by 10% instead.

 27.4015, 0.4279,
0.2629


 27.4015, 0.4279,
0.2629


289.5959, 0.3661,
0.2979


 17.8750, 0.4447,
0.2536


 55.5275, 0.4045,
0.2760

 10.8603, 0.4669,
0.2413


 74.8957, 0.3960,
0.2808

 5.9730, 0.4979,
0.2245


 98.3134, 0.3889,
0.2849

 2.8286, 0.5434,
0.2002

 126.1648, 0.3829,
0.2883

 1.0429, 0.6152,
0.1629

158.8343, 0.3778,
0.2912

 0.0000, 0.9137,
0.0000

196.7064, 0.3734,

 0.0000, 1.0000,

0.2937

0.0000

240.1655, 0.3695,
0.2959

0.0000, 0.0000,
0.0000

27.4015, 0.4279,
0.2629

27.4015, 0.4279,
0.2629

23.7301, 0.4568,
0.2586

32.4091, 0.4014,
0.2707

21.2567, 0.4867,
0.2591

38.8644, 0.3781,
0.2807


19.8201, 0.5156,
0.2650


46.8720, 0.3582,
0.2919

19.2889, 0.5330,
0.2710

56.5256, 0.3415,
0.3033

67.9112, 0.3277,
0.3146

 81.1092, 0.3163,
0.3253

 96.1945, 0.3070,
0.3353

 97.0954, 0.3030,
0.3290

Harmonies

Analogous

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



27.4015, 0.3181, 0.2118



27.4015, 0.4279, 0.2629



27.4015, 0.5053, 0.3275

Triad

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



27.4015, 0.4279, 0.2629



27.4015, 0.3758, 0.5232



27.4015, 0.1426, 0.2109

Complementary

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



27.4015, 0.4279, 0.2629



66.8680, 0.2648, 0.4163

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.



27.4015, 0.1513, 0.2837



27.4015, 0.4279, 0.2629



27.4015, 0.2795, 0.5049

Square

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



27.4015, 0.4279, 0.2629



27.4015, 0.4616, 0.4708



27.4015, 0.1974, 0.4001



27.4015, 0.1666, 0.1808

Rectangle

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



27.4015, 0.4279, 0.2629



27.4015, 0.5188, 0.3741



27.4015, 0.1974, 0.4001



27.4015, 0.1417, 0.2298

Sweetspot

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



27.4030, 0.4279, 0.2629



71.2117, 0.3349, 0.3085



21.9459, 0.2549, 0.1543



14.4560, 0.3390, 0.3053



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.



27.4030, 0.4279, 0.2629



26.5971, 0.4647, 0.2582



27.6132, 0.5114, 0.3393



15.8693, 0.3227, 0.3191



10.6817, 0.5290, 0.2688



0.9081, 0.4951, 0.2501

Inverse Universe

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



27.4030, 0.4279, 0.2629



26.5971, 0.4647, 0.2582



64.2364, 0.2336, 0.3159



15.8693, 0.3227, 0.3191



10.6817, 0.5290, 0.2688



0.9081, 0.4951, 0.2501

Previews

White Background



This preview shows how the Yxy color 27.4015, 0.4279, 0.2629 looks on a white background.

Color Contrast Check

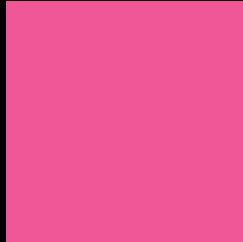
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4015, 0.4279, 0.2629 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 27.4015, 0.4279, 0.2629

Background



This preview shows how black text looks on a background with the Yxy color 27.4015, 0.4279, 0.2629.



This preview shows how white text looks on a background with the Yxy color 27.4015, 0.4279, 0.2629.

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

27.4015, 0.4279, 0.2629

Protanopia

27.7967, 0.2642, 0.2618

Deuteranopia

27.6165, 0.3284, 0.3228



Tritanopia

27.3817, 0.4869, 0.3223

Trichromacy



Original Color

27.4015, 0.4279, 0.2629



Protanomaly

25.5941, 0.3139, 0.2567



Deuteranomaly

26.0731, 0.3641, 0.2930



Tritanomaly

27.2137, 0.4667, 0.3003

Monochromacy



Original Color

27.4015, 0.4279, 0.2629



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

24.9185, 0.3531, 0.2955

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4015, 0.4279, 0.2629 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(239, 87, 151)` looks like.

```
.text, #text, p{  
    color:rgb(239, 87, 151)  
}
```

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(239, 87, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 87, 151) }
```

Border

The CSS property to change the border of an element to Yxy 27.4015, 0.4279, 0.2629 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(239, 87, 151) }
```

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

```
.border{ border-color:rgb(239, 87, 151) }
```

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

Here you see how a box with a 4 pixel rgb(239, 87, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 87, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 87, 151);  
box-shadow:4px 4px 4px 4px rgb(239, 87,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4015, 0.4279, 0.2629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 87, 151) }
```

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

```
.background{ background-color: rgb(239, 87,  
151) }
```

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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