

Converting Colors

$Y_{xy}(27.4876, 0.3859, 0.2464)$

Have a look what the booklet for
Yxy(27.4876, 0.3859, 0.2464)
contains.

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Color

Yxy(27.4176, 0.3859, 0.2459)

Conversions

Conversions Part 1

Format	Color
Hex	E35FAA
RGB	227, 95, 170
RGB Percent	89%, 37%, 67%
CMY	0.1098, 0.6274, 0.3333
CMYK	0.00, 0.58, 0.25, 0.11
HSL	326°, 70%, 63%
HSV	326°, 58%, 89%
XYZ	43.0275, 27.4176, 41.0539
YIQ	143.0180, 54.5970, 51.3090

Conversions

Conversions Part 2

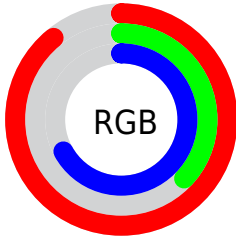
Format	Color
R _Y B	227, 95, 170
Decimal	14901162
CIE Lab	59.36, 59.10, -14.56
CIE LCh	59, 60.862, 346.161
Yxy	27.4176, 0.3859, 0.2459
Android (android.graphics.Color)	4293091242 (0xFFE35FAA)
YUV	143.0180, 13.3021, 73.6522
Hunter-Lab	52.3618, 55.0462, -9.8326

Details

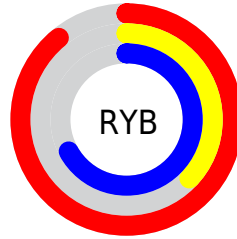
The Yxy color **27.4176, 0.3859, 0.2459** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **59.6413, 0.2769, 0.4362**, and the grayscale version is **27.4062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8295, 0.3434, 0.2544**, and **10.8349, 0.4083, 0.2210** is the 20% darker color. If you saturate the color by 10%, you get **23.5506, 0.4050, 0.2362**, and if you desaturate by 10%, it is **32.5062, 0.3685, 0.2585**.

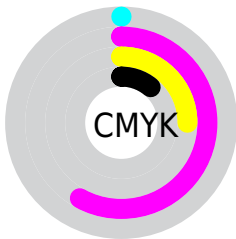
Distribution



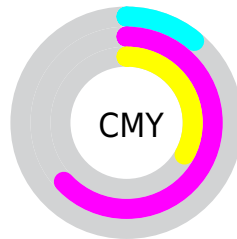
- Red (89%)
- Green (37%)
- Blue (67%)



- Red (89%)
- Yellow (37%)
- Blue (67%)



- Cyan (0%)
- Magenta (58%)
- Yellow (25%)
- Black (11%)





- Cyan (11%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4176, 0.3859, 0.2459 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 27.4176, 0.3859, 0.2459 by changing the saturation by 10% instead.


 27.4176, 0.3859,
0.2459


 27.4176, 0.3859,
0.2459


289.6734, 0.3477,
0.2881


 17.8871, 0.3959,
0.2353


 55.5533, 0.3717,
0.2613

 10.8690, 0.4090,
0.2216


 74.9272, 0.3664,
0.2671

 5.9788, 0.4270,
0.2034


 98.3511, 0.3620,
0.2720

 2.8322, 0.4528,
0.1782

 126.2093, 0.3583,
0.2761

 1.0448, 0.4927,
0.1418

158.8863, 0.3551,
0.2797

 0.0000, 0.6140,
0.0000

196.7663, 0.3523,

 0.0000, 1.0000,

0.2829

0.0000

240.2339, 0.3499,
0.2856

■ 0.0000, 0.0000,
0.0000

■ 27.4176, 0.3859,
0.2459

■ 27.4176, 0.3859,
0.2459

■ 23.5506, 0.4050,
0.2362

■ 32.5062, 0.3685,
0.2585

■ 20.7937, 0.4253,
0.2307

■ 38.9068, 0.3532,
0.2728

■ 19.0220, 0.4459,
0.2302


■ 46.7059, 0.3399,
0.2879


■ 18.0558, 0.4659,
0.2349


■ 55.9815, 0.3287,
0.3030


■ 17.9159, 0.4696,
0.2361

■ 66.8058, 0.3192,
0.3176

 79.2462, 0.3114,
0.3315

 93.3659, 0.3048,
0.3445

 94.6555, 0.2994,
0.3356

 95.0717, 0.2958,
0.3290

Harmonies

Analogous

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



27.4176, 0.2826, 0.2033



27.4176, 0.3859, 0.2459



27.4176, 0.4764, 0.3051

Triad

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



27.4176, 0.3859, 0.2459



27.4176, 0.4066, 0.5024



27.4176, 0.1479, 0.2362

Complementary

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



27.4176, 0.3859, 0.2459



59.6413, 0.2769, 0.4362

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.



27.4176, 0.1692, 0.3229



27.4176, 0.3859, 0.2459



27.4176, 0.3152, 0.5127

Square

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



27.4176, 0.3859, 0.2459



27.4176, 0.4796, 0.4424



27.4176, 0.2280, 0.4381



27.4176, 0.1599, 0.1930

Rectangle

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



27.4176, 0.3859, 0.2459



27.4176, 0.5066, 0.3493



27.4176, 0.2280, 0.4381



27.4176, 0.1511, 0.2601

Sweetspot

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



27.4190, 0.3859, 0.2459



74.2445, 0.3276, 0.3045



20.2158, 0.2429, 0.1608



15.3256, 0.3297, 0.3015



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.



27.4190, 0.3859, 0.2459



29.7089, 0.4096, 0.2345



25.5574, 0.4768, 0.3176



14.5045, 0.3204, 0.3157



10.4720, 0.4668, 0.2345



0.7924, 0.4396, 0.2195

Inverse Universe

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



27.4190, 0.3859, 0.2459



29.7089, 0.4096, 0.2345



62.3321, 0.2456, 0.3433



14.5045, 0.3204, 0.3157



10.4720, 0.4668, 0.2345



0.7924, 0.4396, 0.2195

Previews

White Background



This preview shows how the Yxy color 27.4176, 0.3859, 0.2459 looks on a white background.

Color Contrast Check

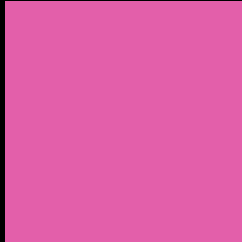
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4176, 0.3859, 0.2459 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 27.4176, 0.3859, 0.2459

Background



This preview shows how black text looks on a background with the Yxy color 27.4176, 0.3859, 0.2459.

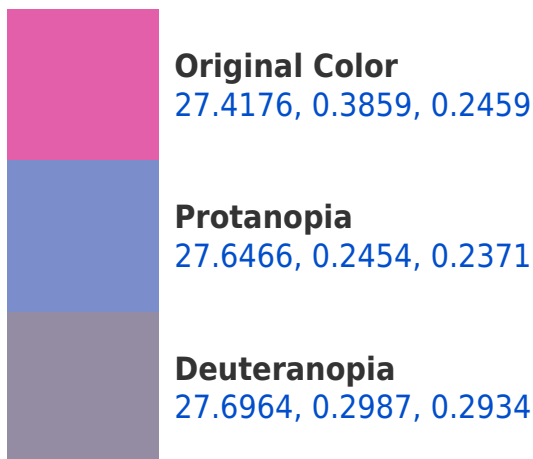


This preview shows how white text looks on a background with the Yxy color 27.4176, 0.3859, 0.2459.

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





Tritanopia

27.2828, 0.4515, 0.3202

Trichromacy



Original Color

27.4176, 0.3859, 0.2459



Protanomaly

25.7540, 0.2855, 0.2348



Deuteranomaly

26.5156, 0.3280, 0.2699



Tritanomaly

27.2971, 0.4281, 0.2924

Monochromacy



Original Color

27.4176, 0.3859, 0.2459



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

26.2203, 0.3390, 0.2898

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4176, 0.3859, 0.2459 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(227, 95, 170)` looks like.

```
.text, #text, p{  
    color:rgb(227, 95, 170)  
}
```

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(227, 95, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 95, 170) }
```

Border

The CSS property to change the border of an element to Yxy 27.4176, 0.3859, 0.2459 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(227, 95, 170) }
```

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

```
.border{ border-color:rgb(227, 95, 170) }
```

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

Here you see how a box with a 4 pixel rgb(227, 95, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 95, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 95, 170);  
box-shadow:4px 4px 4px 4px rgb(227, 95,  
170) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 27.4176, 0.3859, 0.2459$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 95, 170) }
```

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

```
.background{ background-color: rgb(227, 95,  
170) }
```

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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