

Converting Colors

$Y_{xy}(27.9230, 0.4567, 0.2839)$

Have a look what the booklet for
Yxy(27.9230, 0.4567, 0.2839)
contains.

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Color

Yxy(27.9207, 0.4560, 0.2839)

Conversions

Conversions Part 1

Format	Color
Hex	F35986
RGB	243, 89, 134
RGB Percent	95%, 35%, 53%
CMY	0.0469, 0.6511, 0.4745
CMYK	0.00, 0.63, 0.45, 0.05
HSL	342°, 87%, 65%
HSV	342°, 63%, 95%
XYZ	44.8462, 27.9207, 25.5800
YIQ	140.1760, 77.3390, 46.6430

Conversions

Conversions Part 2

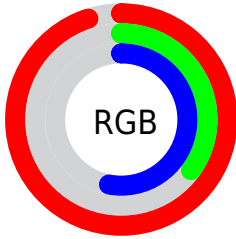
Format	Color
RYB	243, 89, 134
Decimal	15948166
CIELab	59.82, 62.46, 7.31
CIELCh	60, 62.882, 6.676
Yxy	27.9207, 0.4560, 0.2839
Android (android.graphics.Color)	4294138246 (0xFFFF35986)
YUV	140.1760, -3.0448, 90.1766
Hunter-Lab	52.8400, 59.0258, 8.2855

Details

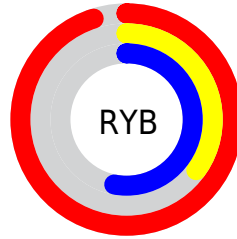
The Yxy color **27.9207, 0.4560, 0.2839** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **70.3211, 0.2558, 0.3880**, and the grayscale version is **26.2842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.4056, 0.3817, 0.2865**, and **11.1748, 0.5049, 0.2659** is the 20% darker color. If you saturate the color by 10%, you get **24.0831, 0.4927, 0.2822**, and if you desaturate by 10%, it is **33.1736, 0.4222, 0.2887**.

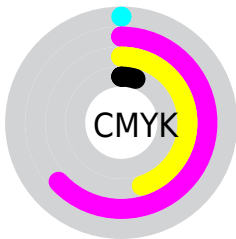
Distribution



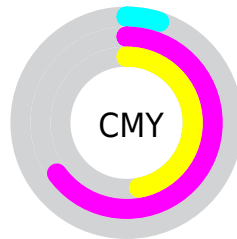
- Red (95%)
- Green (35%)
- Blue (53%)



- Red (95%)
- Yellow (35%)
- Blue (53%)



- Cyan (0%)
- Magenta (63%)
- Yellow (45%)
- Black (5%)





- Cyan (5%)
- Magenta (65%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9207, 0.4560, 0.2839 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 27.9207, 0.4560, 0.2839 by changing the saturation by 10% instead.


 27.9207, 0.4560,
0.2839


 27.9207, 0.4560,
0.2839


292.0878, 0.3784,
0.3096


 18.2659, 0.4772,
0.2764


 56.3578, 0.4264,
0.2941


 11.1411, 0.5054,
0.2661


 75.9089, 0.4157,
0.2976

 6.1618, 0.5444,
0.2512

 99.5275, 0.4069,
0.3005

 2.9437, 0.6013,
0.2283

 127.5981, 0.3994,
0.3030

 1.1024, 0.6920,
0.1913

160.5051, 0.3930,
0.3050

 0.0000, 1.0000,
0.0000

198.6327, 0.3875,

 0.0000, 0.0000,

0.3068

0.0000

242.3655, 0.3826,
0.3083

■ 27.9207, 0.4560,
0.2839

■ 27.9207, 0.4560,
0.2839

■ 24.0831, 0.4927,
0.2822

■ 33.1736, 0.4222,
0.2887

■ 21.5154, 0.5299,
0.2848

■ 39.9595, 0.3927,
0.2955


■ 20.0484, 0.5638,
0.2921


■ 48.3885, 0.3678,
0.3033


■ 19.5159, 0.5832,
0.2986

■ 58.5595, 0.3473,
0.3113

■ 70.5636, 0.3304,
0.3191

 84.4853, 0.3167,
0.3266

 97.7621, 0.3057,
0.3296

 97.8006, 0.3054,
0.3290

Harmonies

Analogous

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



27.9207, 0.3531, 0.2280



27.9207, 0.4560, 0.2839



27.9207, 0.5119, 0.3501

Triad

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



27.9207, 0.4560, 0.2839



27.9207, 0.3448, 0.5232



27.9207, 0.1495, 0.1995

Complementary

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



27.9207, 0.4560, 0.2839



70.3211, 0.2558, 0.3880

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.



27.9207, 0.1475, 0.2566



27.9207, 0.4560, 0.2839



27.9207, 0.2516, 0.4744

Square

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



27.9207, 0.4560, 0.2839



27.9207, 0.4347, 0.4894



27.9207, 0.1806, 0.3591



27.9207, 0.1837, 0.1808

Rectangle

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



27.9207, 0.4560, 0.2839



27.9207, 0.5103, 0.3972



27.9207, 0.1806, 0.3591



27.9207, 0.1453, 0.2137

Sweetspot

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



27.9222, 0.4560, 0.2839



70.8729, 0.3395, 0.3147



25.4588, 0.2745, 0.1635



14.3749, 0.3446, 0.3125



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.



27.9222, 0.4560, 0.2839



25.9231, 0.5033, 0.2825



33.1628, 0.4938, 0.3602



16.5622, 0.3248, 0.3221



10.7281, 0.5791, 0.2964



0.9601, 0.5437, 0.2769

Inverse Universe

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



27.9222, 0.4560, 0.2839



25.9231, 0.5033, 0.2825



55.7933, 0.2275, 0.2891



16.5622, 0.3248, 0.3221



10.7281, 0.5791, 0.2964



0.9601, 0.5437, 0.2769

Previews

White Background



This preview shows how the Yxy color 27.9207, 0.4560, 0.2839 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 27.9207, 0.4560, 0.2839 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 27.9207, 0.4560, 0.2839

Background



This preview shows how black text looks on a background with the Yxy color 27.9207, 0.4560, 0.2839.



This preview shows how white text looks on a background with the Yxy color 27.9207, 0.4560, 0.2839.

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

27.9207, 0.4560, 0.2839

Protanopia

28.0243, 0.2900, 0.2945

Deuteranopia

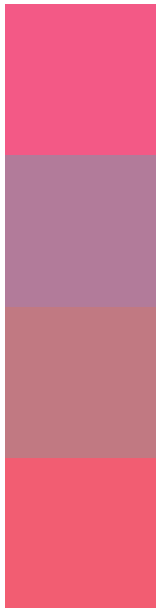
27.9969, 0.3548, 0.3476



Tritanopia

28.0258, 0.4949, 0.3236

Trichromacy



Original Color

27.9207, 0.4560, 0.2839

Protanomaly

25.9640, 0.3430, 0.2848

Deuteranomaly

26.6239, 0.3911, 0.3169

Tritanomaly

27.9209, 0.4814, 0.3085

Monochromacy



Original Color

27.9207, 0.4560, 0.2839

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

24.8568, 0.3618, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9207, 0.4560, 0.2839 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(243, 89, 134)` looks like.

```
.text, #text, p{  
    color:rgb(243, 89, 134)  
}
```

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(243, 89, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 89, 134) }
```

Border

The CSS property to change the border of an element to Yxy 27.9207, 0.4560, 0.2839 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(243, 89, 134) }
```

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

```
.border{ border-color:rgb(243, 89, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 89, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 89, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 89, 134);  
box-shadow:4px 4px 4px 4px rgb(243, 89,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9207, 0.4560, 0.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 89, 134) }
```

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

```
.background{ background-color: rgb(243, 89,  
134) }
```

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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