

Converting Colors

$Y_{xy}(27.9409, 0.4070, 0.2390)$

Have a look what the booklet for
Yxy(27.9409, 0.4070, 0.2390)
contains.

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Color

Yxy(27.9107, 0.4067, 0.2389)

Conversions

Conversions Part 1

Format	Color
Hex	F450AB
RGB	244, 80, 171
RGB Percent	96%, 31%, 67%
CMY	0.0433, 0.6860, 0.3295
CMYK	0.00, 0.67, 0.30, 0.04
HSL	327°, 88%, 64%
HSV	327°, 67%, 96%
XYZ	47.5148, 27.9107, 41.4046
YIQ	139.4100, 68.5330, 63.0690

Conversions

Conversions Part 2

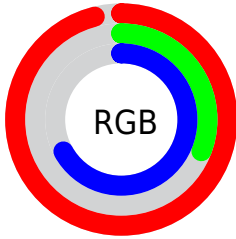
Format	Color
R_{YB}	244, 80, 171
Decimal	16011435
CIE _{Lab}	59.81, 70.07, -14.19
CIE _{LCh}	60, 71.491, 348.549
Yxy	27.9107, 0.4067, 0.2389
Android (android.graphics.Color)	4294201515 (0xFFFF450AB)
YUV	139.4100, 15.5739, 91.7254
Hunter-Lab	52.8306, 68.0859, -9.4856

Details

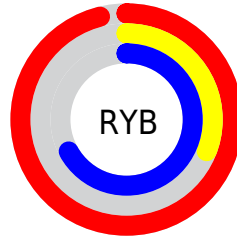
The Yxy color **27.9107, 0.4067, 0.2389** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **68.6835, 0.2736, 0.4539**, and the grayscale version is **25.9138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.2162, 0.3438, 0.2422**, and **11.3992, 0.4337, 0.2163** is the 20% darker color. If you saturate the color by 10%, you get **24.5642, 0.4278, 0.2333**, and if you desaturate by 10%, it is **32.5905, 0.3869, 0.2486**.

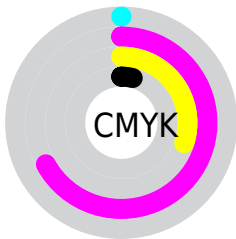
Distribution



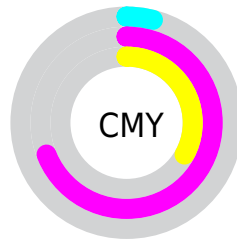
- Red (96%)
- Green (31%)
- Blue (67%)



- Red (96%)
- Yellow (31%)
- Blue (67%)



- Cyan (0%)
- Magenta (67%)
- Yellow (30%)
- Black (4%)





- Cyan (4%)
- Magenta (69%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9107, 0.4067, 0.2389 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 27.9107, 0.4067, 0.2389 by changing the saturation by 10% instead.


 27.9107, 0.4067,
0.2389


 27.9107, 0.4067,
0.2389


292.0400, 0.3577,
0.2843


 18.2584, 0.4195,
0.2276


 56.3418, 0.3885,
0.2554

 11.1356, 0.4362,
0.2131


 75.8894, 0.3818,
0.2616

 6.1581, 0.4589,
0.1941


 99.5042, 0.3761,
0.2668

 2.9415, 0.4912,
0.1681

 127.5706, 0.3713,
0.2713

 1.1013, 0.5405,
0.1313

160.4730, 0.3672,
0.2752

 0.0000, 0.6744,
0.0000

198.5957, 0.3636,

 0.0000, 1.0000,

0.2786

0.0000

242.3233, 0.3605,
0.2816

■ 0.0000, 0.0000,
0.0000

■ 27.9107, 0.4067,
0.2389

■ 27.9107, 0.4067,
0.2389

■ 24.5642, 0.4278,
0.2333

■ 32.5905, 0.3869,
0.2486

■ 22.3979, 0.4493,
0.2328

■ 38.7259, 0.3689,
0.2611

■ 21.2210, 0.4702,
0.2377

■ 46.4302, 0.3532,
0.2752


■ 20.9838, 0.4761,
0.2396

■ 55.8041, 0.3396,
0.2901

■ 66.9401, 0.3282,
0.3049

 79.9234, 0.3186,
0.3192

 94.8341, 0.3106,
0.3327

 97.9649, 0.3059,
0.3290

Harmonies

Analogous

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



27.9107, 0.2855, 0.1905



27.9107, 0.4067, 0.2389



27.9107, 0.5090, 0.3043

Triad

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



27.9107, 0.4067, 0.2389



27.9107, 0.4057, 0.5299



27.9107, 0.1279, 0.2152

Complementary

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



27.9107, 0.4067, 0.2389



68.6835, 0.2736, 0.4539

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.



27.9107, 0.1463, 0.3091



27.9107, 0.4067, 0.2389



27.9107, 0.3022, 0.5441

Square

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



27.9107, 0.4067, 0.2389



27.9107, 0.4934, 0.4569



27.9107, 0.2064, 0.4480



27.9107, 0.1440, 0.1731

Rectangle

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



27.9107, 0.4067, 0.2389



27.9107, 0.5378, 0.3523



27.9107, 0.2064, 0.4480



27.9107, 0.1299, 0.2400

Sweetspot

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



27.9122, 0.4067, 0.2389



70.2886, 0.3313, 0.3007



18.8638, 0.2311, 0.1364



14.2935, 0.3344, 0.2965



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.



27.9122, 0.4067, 0.2389



26.0566, 0.4365, 0.2324



25.7276, 0.5229, 0.3199



16.6364, 0.3206, 0.3159



11.4426, 0.4729, 0.2379



1.0264, 0.4486, 0.2245

Inverse Universe

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



27.9122, 0.4067, 0.2389



26.0566, 0.4365, 0.2324



72.2672, 0.2386, 0.3424



16.6364, 0.3206, 0.3159



11.4426, 0.4729, 0.2379



1.0264, 0.4486, 0.2245

Previews

White Background



This preview shows how the Yxy color 27.9107, 0.4067, 0.2389 looks on a white background.

Color Contrast Check

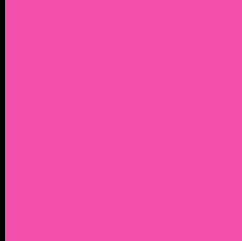
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9107, 0.4067, 0.2389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

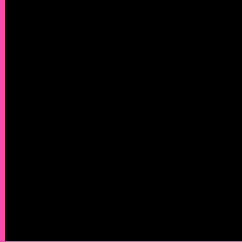
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9107, 0.4067, 0.2389

Background



This preview shows how black text looks on a background with the Yxy color 27.9107, 0.4067, 0.2389.



This preview shows how white text looks on a background with the Yxy color 27.9107, 0.4067, 0.2389.

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

27.9107, 0.4067, 0.2389

Protanopia

28.2454, 0.2354, 0.2240

Deuteranopia

28.1424, 0.3017, 0.2966



Tritanopia

27.8794, 0.4911, 0.3235

Trichromacy



Original Color

27.9107, 0.4067, 0.2389



Protanomaly

25.3165, 0.2821, 0.2202



Deuteranomaly

26.1006, 0.3378, 0.2659



Tritanomaly

27.7415, 0.4617, 0.2917

Monochromacy



Original Color

27.9107, 0.4067, 0.2389



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.5383, 0.3465, 0.2815

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9107, 0.4067, 0.2389 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(244, 80, 171)` looks like.

```
.text, #text, p{  
    color:rgb(244, 80, 171)  
}
```

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(244, 80, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 80, 171) }
```

Border

The CSS property to change the border of an element to Yxy 27.9107, 0.4067, 0.2389 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(244, 80, 171) }
```

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

```
.border{ border-color:rgb(244, 80, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 80, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 80, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 80, 171);  
box-shadow:4px 4px 4px 4px rgb(244, 80,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9107, 0.4067, 0.2389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 80, 171) }
```

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

```
.background{ background-color: rgb(244, 80,  
171) }
```

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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