

Converting Colors

$Y_{xy}(27.0926, 0.4324, 0.2466)$

Have a look what the booklet for
Yxy(27.0926, 0.4324, 0.2466)
contains.

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Color

Yxy(27.1148, 0.4330, 0.2472)

Conversions

Conversions Part 1

Format	Color
Hex	F9479E
RGB	249, 71, 158
RGB Percent	98%, 28%, 62%
CMY	0.0235, 0.7216, 0.3804
CMYK	0.00, 0.71, 0.37, 0.02
HSL	331°, 94%, 63%
HSV	331°, 71%, 98%
XYZ	47.4948, 27.1148, 35.0781
YIQ	134.1400, 78.1610, 64.7930

Conversions

Conversions Part 2

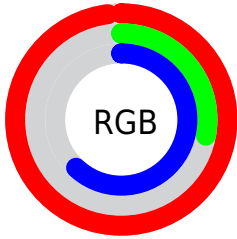
Format	Color
R_{YB}	249, 71, 158
Decimal	16336798
CIE _{Lab}	59.08, 73.15, -7.66
CIE _{LCh}	59, 73.547, 354.024
Yxy	27.1148, 0.4330, 0.2472
Android (android.graphics.Color)	4294526878 (0xFFFF9479E)
YUV	134.1400, 11.7630, 100.7322
Hunter-Lab	52.0719, 71.6841, -3.4903

Details

The Yxy color **27.1148, 0.4330, 0.2472** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **71.7068, 0.2680, 0.4469**, and the grayscale version is **23.8282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5666, 0.3576, 0.2475**, and **11.7529, 0.4670, 0.2346** is the 20% darker color. If you saturate the color by 10%, you get **24.1558, 0.4586, 0.2452**, and if you desaturate by 10%, it is **31.4186, 0.4085, 0.2538**.

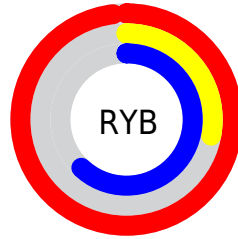
Distribution



Red (98%)

Green (28%)

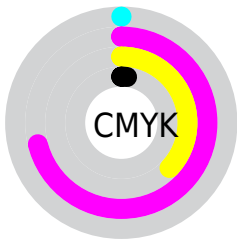
Blue (62%)



Red (98%)

Yellow (28%)

Blue (62%)

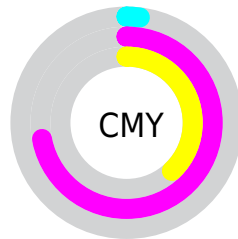


Cyan (0%)

Magenta (71%)

Yellow (37%)

Black (2%)



Cyan (2%)


Magenta (72%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1148, 0.4330, 0.2472 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 27.1148, 0.4330, 0.2472 by changing the saturation by 10% instead.


 27.1148, 0.4330,
0.2472

 27.1148, 0.4330,
0.2472


288.2125, 0.3691,
0.2895

 17.6595, 0.4501,
0.2363


 55.0680, 0.4089,
0.2629

 10.7058, 0.4726,
0.2222


 74.3347, 0.4001,
0.2687

 5.8694, 0.5036,
0.2032


 97.6406, 0.3928,
0.2735

 2.7658, 0.5484,
0.1766

 125.3702, 0.3866,
0.2777

 1.0107, 0.6174,
0.1378

 157.9077, 0.3813,
0.2813

 0.0000, 0.8253,
0.0000

195.6377, 0.3767,

 0.0000, 1.0000,

0.2844

0.0000

238.9445, 0.3726,
0.2871

■ 0.0000, 0.0000,
0.0000

■ 27.1148, 0.4330,
0.2472

■ 27.1148, 0.4330,
0.2472

■ 24.1558, 0.4586,
0.2452

■ 31.4186, 0.4085,
0.2538

■ 22.3660, 0.4841,
0.2486


■ 37.2054, 0.3862,
0.2638

■ 21.5397, 0.5047,
0.2554


■ 44.6009, 0.3666,
0.2758

■ 53.7161, 0.3498,
0.2888

■ 64.6520, 0.3356,
0.3020

 77.5019, 0.3238,
0.3150

 92.3524, 0.3140,
0.3272

 98.8819, 0.3090,
0.3290

Harmonies

Analogous

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



27.1148, 0.3056, 0.1938



27.1148, 0.4330, 0.2472



27.1148, 0.5283, 0.3156

Triad

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



27.1148, 0.4330, 0.2472



27.1148, 0.3878, 0.5460



27.1148, 0.1235, 0.1998

Complementary

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



27.1148, 0.4330, 0.2472



71.7068, 0.2680, 0.4469

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.



27.1148, 0.1349, 0.2853



27.1148, 0.4330, 0.2472



27.1148, 0.2810, 0.5439

Square

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



27.1148, 0.4330, 0.2472



27.1148, 0.4834, 0.4741



27.1148, 0.1877, 0.4260



27.1148, 0.1460, 0.1651

Rectangle

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



27.1148, 0.4330, 0.2472



27.1148, 0.5466, 0.3652



27.1148, 0.1877, 0.4260



27.1148, 0.1234, 0.2217

Sweetspot

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



27.1163, 0.4330, 0.2472



68.8239, 0.3350, 0.3027



18.8199, 0.2348, 0.1306



14.0002, 0.3387, 0.2990



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.



27.1163, 0.4330, 0.2472



24.4833, 0.4705, 0.2461



25.1025, 0.5577, 0.3297



17.3666, 0.3217, 0.3175



11.5572, 0.5010, 0.2534



1.0917, 0.4738, 0.2383

Inverse Universe

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



27.1163, 0.4330, 0.2472



24.4833, 0.4705, 0.2461



75.9382, 0.2320, 0.3288



17.3666, 0.3217, 0.3175



11.5572, 0.5010, 0.2534



1.0917, 0.4738, 0.2383

Previews

White Background



This preview shows how the Yxy color 27.1148, 0.4330, 0.2472 looks on a white background.

Color Contrast Check

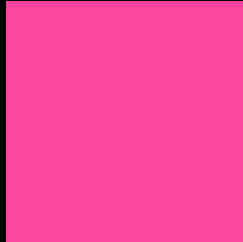
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1148, 0.4330, 0.2472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

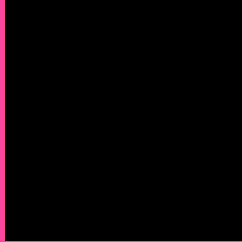
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1148, 0.4330, 0.2472

Background



This preview shows how black text looks on a background with the Yxy color 27.1148, 0.4330, 0.2472.



This preview shows how white text looks on a background with the Yxy color 27.1148, 0.4330, 0.2472.

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

27.1148, 0.4330, 0.2472

Protanopia

27.2534, 0.2430, 0.2340

Deuteranopia

27.1192, 0.3179, 0.3118



Tritanopia

27.0029, 0.5148, 0.3250

Trichromacy



Original Color

27.1148, 0.4330, 0.2472



Protanomaly

24.1742, 0.2963, 0.2292



Deuteranomaly

24.9930, 0.3593, 0.2770



Tritanomaly

26.9118, 0.4870, 0.2963

Monochromacy



Original Color

27.1148, 0.4330, 0.2472



Achromatopsia

23.8398, 0.3127, 0.3290



Achromatomaly

22.5822, 0.3570, 0.2824

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1148, 0.4330, 0.2472 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(249, 71, 158)` looks like.

```
.text, #text, p{  
    color:rgb(249, 71, 158)  
}
```

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(249, 71, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 71, 158) }
```

Border

The CSS property to change the border of an element to Yxy 27.1148, 0.4330, 0.2472 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(249, 71, 158) }
```

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

```
.border{ border-color:rgb(249, 71, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 71, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 71, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 71, 158);  
box-shadow:4px 4px 4px 4px rgb(249, 71,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1148, 0.4330, 0.2472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 71, 158) }
```

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

```
.background{ background-color: rgb(249, 71,  
158) }
```

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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