

Converting Colors

$Y_{xy}(27.0546, 0.4373, 0.2521)$

Have a look what the booklet for
Yxy(27.0546, 0.4373, 0.2521)
contains.

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Color

Yxy(27.0546, 0.4373, 0.2521)

Conversions

Conversions Part 1

Format	Color
Hex	F8499A
RGB	248, 73, 154
RGB Percent	97%, 29%, 60%
CMY	0.0274, 0.7137, 0.3960
CMYK	0.00, 0.71, 0.38, 0.03
HSL	332°, 93%, 63%
HSV	332°, 71%, 97%
XYZ	46.9297, 27.0546, 33.3326
YIQ	134.5590, 78.2990, 62.2910

Conversions

Conversions Part 2

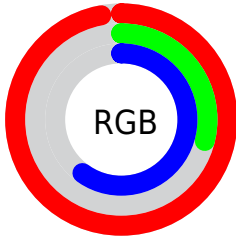
Format	Color
R_{YB}	248, 73, 154
Decimal	16271770
CIE _{Lab}	59.02, 71.81, -5.44
CIE _{LCh}	59, 72.013, 355.668
Yxy	27.0546, 0.4373, 0.2521
Android (android.graphics.Color)	4294461850 (0xFFFF8499A)
YUV	134.5590, 9.5844, 99.4878
Hunter-Lab	52.0140, 70.0272, -1.5855

Details

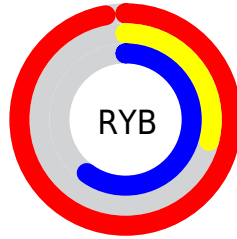
The Yxy color **27.0546, 0.4373, 0.2521** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **71.3429, 0.2661, 0.4386**, and the grayscale version is **23.9997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8643, 0.3624, 0.2540**, and **11.5441, 0.4746, 0.2388** is the 20% darker color. If you saturate the color by 10%, you get **24.0018, 0.4645, 0.2502**, and if you desaturate by 10%, it is **31.4577, 0.4115, 0.2585**.

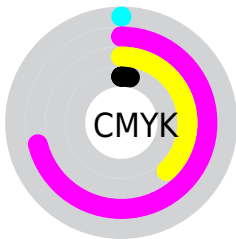
Distribution



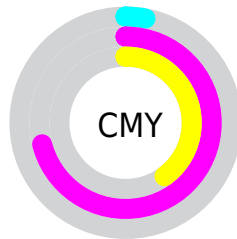
- Red (97%)
- Green (29%)
- Blue (60%)



- Red (97%)
- Yellow (29%)
- Blue (60%)



- Cyan (0%)
- Magenta (71%)
- Yellow (38%)
- Black (3%)





- Cyan (3%)
- Magenta (71%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0546, 0.4373, 0.2521 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 27.0546, 0.4373, 0.2521 by changing the saturation by 10% instead.


 27.0546, 0.4373,
0.2521


 27.0546, 0.4373,
0.2521


287.9214, 0.3708,
0.2923


 17.6142, 0.4552,
0.2416


 54.9715, 0.4122,
0.2671


 10.6734, 0.4789,
0.2279


 74.2168, 0.4030,
0.2726

 5.8477, 0.5115,
0.2093


 97.4992, 0.3954,
0.2772

 2.7527, 0.5589,
0.1830

 125.2030, 0.3889,
0.2812

 1.0040, 0.6323,
0.1439

 157.7128, 0.3834,
0.2845

 0.0000, 0.8805,
0.0000

195.4129, 0.3786,


 0.0000, 1.0000,


0.2875


0.0000

238.6876, 0.3745,
0.2901


 0.0000, 0.0000,
0.0000


 27.0546, 0.4373,
0.2521


 27.0546, 0.4373,
0.2521


 24.0018, 0.4645,
0.2502


 31.4577, 0.4115,
0.2585

 22.1285, 0.4916,
0.2537


 37.3461, 0.3880,
0.2681

 21.1912, 0.5157,
0.2615


 44.8432, 0.3676,
0.2796

 54.0578, 0.3501,
0.2920

 65.0897, 0.3354,
0.3046

 78.0304, 0.3233,
0.3168

 92.9657, 0.3132,
0.3284

 98.6973, 0.3084,
0.3290

Harmonies

Analogous

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



27.0546, 0.3125, 0.1981



27.0546, 0.4373, 0.2521



27.0546, 0.5272, 0.3204

Triad

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



27.0546, 0.4373, 0.2521



27.0546, 0.3819, 0.5447



27.0546, 0.1265, 0.1991

Complementary

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



27.0546, 0.4373, 0.2521



71.3429, 0.2661, 0.4386

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.



27.0546, 0.1361, 0.2803



27.0546, 0.4373, 0.2521



27.0546, 0.2765, 0.5353

Square

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



27.0546, 0.4373, 0.2521



27.0546, 0.4769, 0.4773



27.0546, 0.1861, 0.4159



27.0546, 0.1506, 0.1667

Rectangle

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



27.0546, 0.4373, 0.2521



27.0546, 0.5424, 0.3698



27.0546, 0.1861, 0.4159



27.0546, 0.1258, 0.2198

Sweetspot

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



27.0561, 0.4373, 0.2521



68.7478, 0.3361, 0.3040



19.6855, 0.2413, 0.1352



13.9822, 0.3399, 0.3006



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.



27.0561, 0.4373, 0.2521



24.5149, 0.4770, 0.2511



26.0059, 0.5490, 0.3344



17.3589, 0.3221, 0.3181



11.4747, 0.5119, 0.2594



1.0839, 0.4832, 0.2436

Inverse Universe

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



27.0561, 0.4373, 0.2521



24.5149, 0.4770, 0.2511



71.8000, 0.2307, 0.3216



17.3589, 0.3221, 0.3181



11.4747, 0.5119, 0.2594



1.0839, 0.4832, 0.2436

Previews

White Background



This preview shows how the Yxy color 27.0546, 0.4373, 0.2521 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 27.0546, 0.4373, 0.2521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

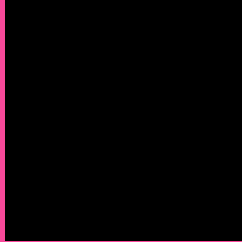
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0546, 0.4373, 0.2521

Background



This preview shows how black text looks on a background with the Yxy color 27.0546, 0.4373, 0.2521.



This preview shows how white text looks on a background with the Yxy color 27.0546, 0.4373, 0.2521.

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

27.0546, 0.4373, 0.2521

Protanopia

27.1934, 0.2493, 0.2419

Deuteranopia

27.1899, 0.3242, 0.3181



Tritanopia

27.0029, 0.5148, 0.3250

Trichromacy



Original Color

27.0546, 0.4373, 0.2521



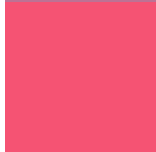
Protanomaly

24.4142, 0.3036, 0.2370



Deuteranomaly

24.9916, 0.3656, 0.2825



Tritanomaly

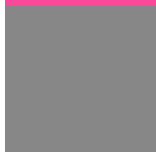
26.8368, 0.4884, 0.2990

Monochromacy



Original Color

27.0546, 0.4373, 0.2521



Achromatopsia

24.2281, 0.3127, 0.3290



Achromatomaly

22.7714, 0.3580, 0.2852

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0546, 0.4373, 0.2521 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(248, 73, 154)` looks like.

```
.text, #text, p{  
    color:rgb(248, 73, 154)  
}
```

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(248, 73, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 73, 154) }
```

Border

The CSS property to change the border of an element to Yxy 27.0546, 0.4373, 0.2521 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(248, 73, 154) }
```

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

```
.border{ border-color:rgb(248, 73, 154) }
```

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

Here you see how a box with a 4 pixel rgb(248, 73, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 73, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 73, 154);  
box-shadow:4px 4px 4px 4px rgb(248, 73,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0546, 0.4373, 0.2521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 73, 154) }
```

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

```
.background{ background-color: rgb(248, 73,  
154) }
```

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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