

Converting Colors

$Y_{xy}(29.5371, 0.4165, 0.2393)$

Have a look what the booklet for
Yxy(29.5371, 0.4165, 0.2393)
contains.

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Color

Yxy(29.5849, 0.4163, 0.2394)

Conversions

Conversions Part 1

Format	Color
Hex	FF4DAD
RGB	255, 77, 173
RGB Percent	100%, 30%, 68%
CMY	0.0000, 0.6982, 0.3215
CMYK	0.00, 0.70, 0.32, 0.00
HSL	328°, 100%, 65%
HSV	328°, 70%, 100%
XYZ	51.4461, 29.5849, 42.5484
YIQ	141.1660, 75.2720, 67.5920

Conversions

Conversions Part 2

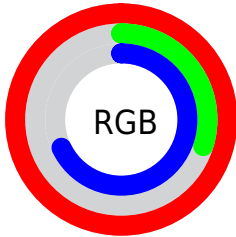
Format	Color
RYB	255, 77, 173
Decimal	16731565
CIELab	61.29, 74.32, -12.95
CIELCh	61, 75.436, 350.113
Yxy	29.5849, 0.4163, 0.2394
Android (android.graphics.Color)	4294921645 (0xFFFF4DAD)
YUV	141.1660, 15.6942, 99.8324
Hunter-Lab	54.3920, 73.6463, -8.3055

Details

The Yxy color **29.5849, 0.4163, 0.2394** 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 **75.5975, 0.2721, 0.4563**, and the grayscale version is **26.6125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.0384, 0.3421, 0.2395**, and **12.8498, 0.4449, 0.2225** is the 20% darker color. If you saturate the color by 10%, you get **26.2521, 0.4386, 0.2355**, and if you desaturate by 10%, it is **34.3480, 0.3951, 0.2478**.

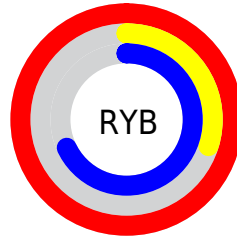
Distribution



Red (100%)

Green (30%)

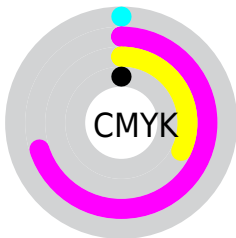
Blue (68%)



Red (100%)

Yellow (30%)

Blue (68%)

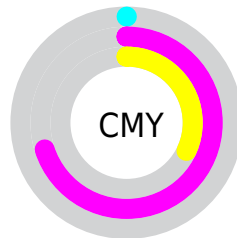


Cyan (0%)

Magenta (70%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (70%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5849, 0.4163, 0.2394 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 29.5849, 0.4163, 0.2394 by changing the saturation by 10% instead.


 29.5849, 0.4163,
0.2394


 29.5849, 0.4163,
0.2394


299.9648, 0.3626,
0.2843


 19.5237, 0.4302,
0.2283


 59.0051, 0.3964,
0.2556


 12.0493, 0.4483,
0.2142


 79.1329, 0.3891,
0.2618

 6.7773, 0.4726,
0.1957


 103.3851, 0.3829,
0.2670

 3.3232, 0.5071,
0.1706

 132.1460, 0.3776,
0.2714

 1.3027, 0.5589,
0.1354

165.8000, 0.3731,
0.2753

 0.1433, 0.6749,
0.0386

204.7315, 0.3691,

 0.0000, 1.0000,

0.2786

0.0000

249.3250, 0.3657,
0.2816

■ 0.0000, 0.0000,
0.0000

■ 29.5849, 0.4163,
0.2394

■ 29.5849, 0.4163,
0.2394

■ 26.2521, 0.4386,
0.2355

■ 34.3480, 0.3951,
0.2478

■ 24.1848, 0.4610,
0.2368

■ 40.6987, 0.3758,
0.2593


■ 23.0995, 0.4826,
0.2433

■ 48.7623, 0.3587,
0.2728

■ 23.0831, 0.4830,
0.2435

■ 58.6541, 0.3440,
0.2872

■ 70.4794, 0.3316,
0.3017

 84.3353, 0.3212,
0.3158

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



29.5849, 0.2903, 0.1889



29.5849, 0.4163, 0.2394



29.5849, 0.5193, 0.3064

Triad

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



29.5849, 0.4163, 0.2394



29.5849, 0.4013, 0.5384



29.5849, 0.1235, 0.2080

Complementary

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



29.5849, 0.4163, 0.2394



75.5975, 0.2721, 0.4563

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.



29.5849, 0.1397, 0.3012



29.5849, 0.4163, 0.2394



29.5849, 0.2950, 0.5502

Square

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



29.5849, 0.4163, 0.2394



29.5849, 0.4934, 0.4630



29.5849, 0.1984, 0.4450



29.5849, 0.1416, 0.1678

Rectangle

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



29.5849, 0.4163, 0.2394



29.5849, 0.5454, 0.3554



29.5849, 0.1984, 0.4450



29.5849, 0.1248, 0.2323

Sweetspot

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



29.5814, 0.4163, 0.2394



68.9759, 0.3330, 0.3000



19.6996, 0.2294, 0.1305



14.0363, 0.3363, 0.2960



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.



29.5814, 0.4163, 0.2394



25.2451, 0.4480, 0.2354



27.2330, 0.5397, 0.3225



18.1510, 0.3209, 0.3162



12.0920, 0.4797, 0.2416



1.1994, 0.4565, 0.2289

Inverse Universe

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



29.5814, 0.4163, 0.2394



25.2451, 0.4480, 0.2354



79.7563, 0.2361, 0.3394



18.1510, 0.3209, 0.3162



12.0920, 0.4797, 0.2416



1.1994, 0.4565, 0.2289

Previews

White Background



This preview shows how the Yxy color 29.5849, 0.4163, 0.2394 looks on a white background.

Color Contrast Check

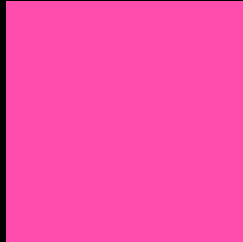
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5849, 0.4163, 0.2394 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 29.5849, 0.4163, 0.2394

Background



This preview shows how black text looks on a background with the Yxy color 29.5849, 0.4163, 0.2394.



This preview shows how white text looks on a background with the Yxy color 29.5849, 0.4163, 0.2394.

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

29.5849, 0.4163, 0.2394

Protanopia

29.9892, 0.2350, 0.2238

Deuteranopia

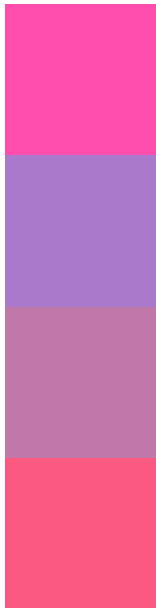
29.5954, 0.3049, 0.2989



Tritanopia

29.6490, 0.5027, 0.3240

Trichromacy



Original Color

29.5849, 0.4163, 0.2394

Protanomaly

26.6923, 0.2838, 0.2194

Deuteranomaly

27.2993, 0.3434, 0.2665

Tritanomaly

29.3987, 0.4733, 0.2922

Monochromacy



Original Color

29.5849, 0.4163, 0.2394

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.2019, 0.3500, 0.2798

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5849, 0.4163, 0.2394 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(255, 77, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 173)  
}
```

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(255, 77, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 173) }
```

Border

The CSS property to change the border of an element to Yxy 29.5849, 0.4163, 0.2394 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(255, 77, 173) }
```

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

```
.border{ border-color:rgb(255, 77, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 77, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5849, 0.4163, 0.2394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 173) }
```

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

```
.background{ background-color: rgb(255, 77,  
173) }
```

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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