

Converting Colors

$Y_{xy}(29.0871, 0.4326, 0.2500)$

Have a look what the booklet for
Yxy(29.0871, 0.4326, 0.2500)
contains.

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Color

Yxy(29.1764, 0.4318, 0.2499)

Conversions

Conversions Part 1

Format	Color
Hex	FF4DA2
RGB	255, 77, 162
RGB Percent	100%, 30%, 64%
CMY	0.0000, 0.6980, 0.3647
CMYK	0.00, 0.70, 0.36, 0.00
HSL	331°, 100%, 65%
HSV	331°, 70%, 100%
XYZ	50.4136, 29.1764, 37.1623
YIQ	139.9120, 78.8030, 64.1710

Conversions

Conversions Part 2

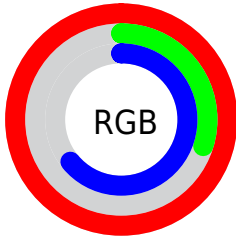
Format	Color
RYB	255, 77, 162
Decimal	16731554
CIELab	60.94, 73.11, -7.12
CIELCh	61, 73.458, 354.439
Yxy	29.1764, 0.4318, 0.2499
Android (android.graphics.Color)	4294921634 (0xFFFF4DA2)
YUV	139.9120, 10.8894, 100.9322
Hunter-Lab	54.0152, 72.0717, -2.9807

Details

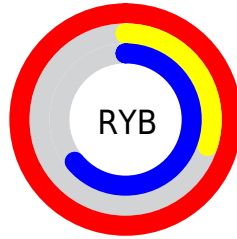
The Yxy color **29.1764, 0.4318, 0.2499** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **75.9948, 0.2673, 0.4410**, and the grayscale version is **26.1275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.4467, 0.3527, 0.2494**, and **12.4632, 0.4670, 0.2346** is the 20% darker color. If you saturate the color by 10%, you get **25.8318, 0.4581, 0.2473**, and if you desaturate by 10%, it is **33.9718, 0.4069, 0.2569**.

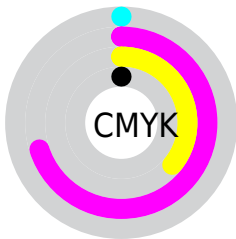
Distribution



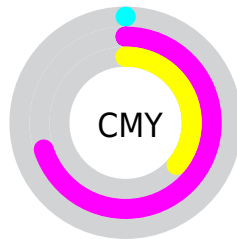
- Red (100%)
- Green (30%)
- Blue (64%)



- Red (100%)
- Yellow (30%)
- Blue (64%)



- Cyan (0%)
- Magenta (70%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1764, 0.4318, 0.2499 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 29.1764, 0.4318, 0.2499 by changing the saturation by 10% instead.


 29.1764, 0.4318,
0.2499


 29.1764, 0.4318,
0.2499

298.0464, 0.3691,
0.2905

 19.2143, 0.4483,
0.2395


 58.3572, 0.4083,
0.2648


 11.8252, 0.4700,
0.2262


 78.3448, 0.3997,
0.2704

 6.6248, 0.4996,
0.2083


 102.4429, 0.3925,
0.2751

 3.2286, 0.5419,
0.1835

 131.0360, 0.3864,
0.2791

 1.2522, 0.6064,
0.1474

164.5085, 0.3812,
0.2825

 0.1037, 0.7685,
0.0336

203.2448, 0.3766,

 0.0000, 1.0000,

0.2855

0.0000

247.6293, 0.3726,
0.2882

■ 0.0000, 0.0000,
0.0000

■ 29.1764, 0.4318,
0.2499

■ 29.1764, 0.4318,
0.2499

■ 25.8318, 0.4581,
0.2473

■ 33.9718, 0.4069,
0.2569

■ 23.7577, 0.4844,
0.2501

■ 40.3608, 0.3844,
0.2670


■ 22.6758, 0.5093,
0.2580

■ 48.4739, 0.3648,
0.2790

■ 22.6577, 0.5098,
0.2582

■ 58.4271, 0.3480,
0.2919

■ 70.3259, 0.3339,
0.3048

 84.2678, 0.3222,
0.3173

99.9982, 0.3127,
0.3290

Harmonies

Analogous

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



29.1764, 0.3077, 0.1969



29.1764, 0.4318, 0.2499



29.1764, 0.5239, 0.3177

Triad

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



29.1764, 0.4318, 0.2499



29.1764, 0.3861, 0.5420



29.1764, 0.1269, 0.2020

Complementary

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



29.1764, 0.4318, 0.2499



75.9948, 0.2673, 0.4410

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.



29.1764, 0.1380, 0.2853



29.1764, 0.4318, 0.2499



29.1764, 0.2811, 0.5368

Square

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



29.1764, 0.4318, 0.2499



29.1764, 0.4798, 0.4736



29.1764, 0.1897, 0.4214



29.1764, 0.1496, 0.1679

Rectangle

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



29.1764, 0.4318, 0.2499



29.1764, 0.5416, 0.3668



29.1764, 0.1897, 0.4214



29.1764, 0.1267, 0.2234

Sweetspot

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



29.1780, 0.4318, 0.2499



68.7907, 0.3355, 0.3032



20.9621, 0.2395, 0.1355



13.9923, 0.3392, 0.2997



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.



29.1780, 0.4318, 0.2499



24.8181, 0.4692, 0.2478



27.5298, 0.5481, 0.3320



18.1316, 0.3219, 0.3177



11.8699, 0.5060, 0.2561



1.1776, 0.4793, 0.2414

Inverse Universe

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



29.1780, 0.4318, 0.2499



24.8181, 0.4692, 0.2478



78.4341, 0.2319, 0.3252



18.1316, 0.3219, 0.3177



11.8699, 0.5060, 0.2561



1.1776, 0.4793, 0.2414

Previews

White Background



This preview shows how the Yxy color 29.1764, 0.4318, 0.2499 looks on a white background.

Color Contrast Check

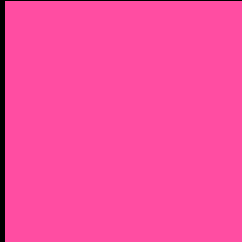
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1764, 0.4318, 0.2499 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 29.1764, 0.4318, 0.2499

Background



This preview shows how black text looks on a background with the Yxy color 29.1764, 0.4318, 0.2499.



This preview shows how white text looks on a background with the Yxy color 29.1764, 0.4318, 0.2499.

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

29.1764, 0.4318, 0.2499

Protanopia

29.3450, 0.2468, 0.2391

Deuteranopia

29.3158, 0.3198, 0.3138



Tritanopia

29.0535, 0.5085, 0.3241

Trichromacy



Original Color

29.1764, 0.4318, 0.2499



Protanomaly

26.1932, 0.2989, 0.2331



Deuteranomaly

27.0633, 0.3602, 0.2797



Tritanomaly

28.9170, 0.4827, 0.2966

Monochromacy



Original Color

29.1764, 0.4318, 0.2499



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

24.8058, 0.3564, 0.2852

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1764, 0.4318, 0.2499 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 162) }
```

Border

The CSS property to change the border of an element to Yxy 29.1764, 0.4318, 0.2499 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, 162) }
```

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

```
.border{ border-color:rgb(255, 77, 162) }
```

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, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1764, 0.4318, 0.2499 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, 162) }
```

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

```
.background{ background-color: rgb(255, 77,  
162) }
```

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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