

Converting Colors

$Y_{xy}(28.9345, 0.4234, 0.2433)$

Have a look what the booklet for
Yxy(28.9345, 0.4234, 0.2433)
contains.

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Color

Yxy(29.0297, 0.4239, 0.2440)

Conversions

Conversions Part 1

Format	Color
Hex	FE4CA7
RGB	254, 76, 167
RGB Percent	100%, 30%, 65%
CMY	0.0039, 0.7019, 0.3450
CMYK	0.00, 0.70, 0.34, 0.00
HSL	329°, 99%, 65%
HSV	329°, 70%, 100%
XYZ	50.4332, 29.0297, 39.5113
YIQ	139.5960, 76.8770, 66.0370

Conversions

Conversions Part 2

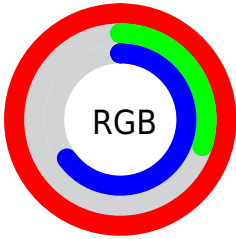
Format	Color
R _Y B	254, 76, 167
Decimal	16665767
CIE Lab	60.81, 73.72, -10.23
CIE LCh	61, 74.427, 352.102
Yxy	29.0297, 0.4239, 0.2440
Android (android.graphics.Color)	4294855847 (0xFFFE4CA7)
YUV	139.5960, 13.5102, 100.3323
Hunter-Lab	53.8792, 72.7947, -5.7638

Details

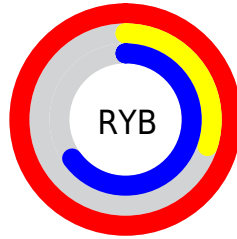
The Yxy color **29.0297, 0.4239, 0.2440** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **75.0636, 0.2699, 0.4499**, and the grayscale version is **25.9873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.4252, 0.3479, 0.2439**, and **12.5753, 0.4562, 0.2287** is the 20% darker color. If you saturate the color by 10%, you get **25.7574, 0.4480, 0.2408**, and if you desaturate by 10%, it is **33.7295, 0.4010, 0.2517**.

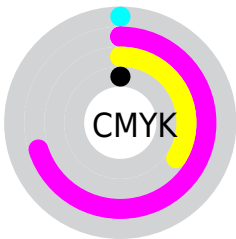
Distribution



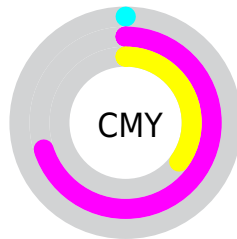
- Red (100%)
- Green (30%)
- Blue (65%)



- Red (100%)
- Yellow (30%)
- Blue (65%)



- Cyan (0%)
- Magenta (70%)
- Yellow (34%)
- Black (0%)




- Cyan (0%)
- Magenta (70%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0297, 0.4239, 0.2440 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 29.0297, 0.4239, 0.2440 by changing the saturation by 10% instead.

 29.0297, 0.4239,
0.2440


 29.0297, 0.4239,
0.2440


297.3551, 0.3657,
0.2871


 19.1033, 0.4391,
0.2332


 58.1243, 0.4022,
0.2597

 11.7449, 0.4591,
0.2193


 78.0612, 0.3942,
0.2656

 6.5702, 0.4861,
0.2009


 102.1038, 0.3875,
0.2706

 3.1948, 0.5248,
0.1757

 130.6364, 0.3819,
0.2749

 1.2343, 0.5834,
0.1397

164.0435, 0.3770,
0.2785

 0.0894, 0.7248,
0.0273

202.7093, 0.3727,

 0.0000, 1.0000,

0.2818

0.0000

247.0184, 0.3690,
0.2846

■ 0.0000, 0.0000,
0.0000

■ 29.0297, 0.4239,
0.2440

■ 29.0297, 0.4239,
0.2440

■ 25.7574, 0.4480,
0.2408

■ 33.7295, 0.4010,
0.2517

■ 23.7335, 0.4722,
0.2430

■ 39.9987, 0.3802,
0.2625

■ 22.6787, 0.4952,
0.2502

■ 47.9666, 0.3619,
0.2753

■ 57.7482, 0.3462,
0.2889

■ 69.4480, 0.3330,
0.3027

83.1626, 0.3219,
0.3162

98.9821, 0.3128,
0.3289

99.8105, 0.3121,
0.3290

Harmonies

Analogous

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



29.0297, 0.2982, 0.1922



29.0297, 0.4239, 0.2440



29.0297, 0.5222, 0.3115

Triad

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



29.0297, 0.4239, 0.2440



29.0297, 0.3943, 0.5408



29.0297, 0.1246, 0.2048

Complementary

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



29.0297, 0.4239, 0.2440



75.0636, 0.2699, 0.4499

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.



29.0297, 0.1384, 0.2935



29.0297, 0.4239, 0.2440



29.0297, 0.2884, 0.5450

Square

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



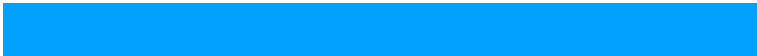
29.0297, 0.4239, 0.2440



29.0297, 0.4875, 0.4681



29.0297, 0.1939, 0.4344



29.0297, 0.1448, 0.1674

Rectangle

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



29.0297, 0.4239, 0.2440



29.0297, 0.5444, 0.3606



29.0297, 0.1939, 0.4344



29.0297, 0.1252, 0.2277

Sweetspot

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



29.0313, 0.4239, 0.2440



68.8911, 0.3341, 0.3015



20.0111, 0.2341, 0.1324



14.0161, 0.3376, 0.2977



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.



29.0313, 0.4239, 0.2440



25.0444, 0.4576, 0.2410



26.8048, 0.5480, 0.3274



18.1421, 0.3214, 0.3169



11.9866, 0.4916, 0.2482



1.1892, 0.4668, 0.2345

Inverse Universe

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



29.0313, 0.4239, 0.2440



25.0444, 0.4576, 0.2410



79.3866, 0.2337, 0.3323



18.1421, 0.3214, 0.3169



11.9866, 0.4916, 0.2482



1.1892, 0.4668, 0.2345

Previews

White Background



This preview shows how the Yxy color 29.0297, 0.4239, 0.2440 looks on a white background.

Color Contrast Check

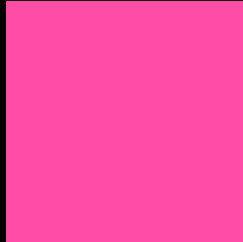
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0297, 0.4239, 0.2440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

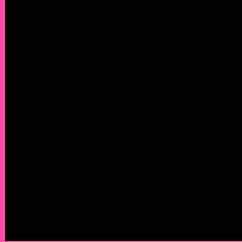
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0297, 0.4239, 0.2440

Background



This preview shows how black text looks on a background with the Yxy color 29.0297, 0.4239, 0.2440.



This preview shows how white text looks on a background with the Yxy color 29.0297, 0.4239, 0.2440.

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

29.0297, 0.4239, 0.2440

Protanopia

29.3909, 0.2395, 0.2303

Deuteranopia

29.1815, 0.3117, 0.3062



Tritanopia

29.0460, 0.5070, 0.3249

Trichromacy



Original Color

29.0297, 0.4239, 0.2440



Protanomaly

26.1221, 0.2900, 0.2256



Deuteranomaly

26.9733, 0.3518, 0.2729



Tritanomaly

28.7809, 0.4790, 0.2944

Monochromacy



Original Color

29.0297, 0.4239, 0.2440



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

24.7483, 0.3527, 0.2823

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0297, 0.4239, 0.2440 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(254, 76, 167)` looks like.

```
.text, #text, p{  
    color:rgb(254, 76, 167)  
}
```

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(254, 76, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 76, 167) }
```

Border

The CSS property to change the border of an element to Yxy 29.0297, 0.4239, 0.2440 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(254, 76, 167) }
```

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

```
.border{ border-color:rgb(254, 76, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 76, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 76, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 76, 167); box-shadow:4px 4px 4px 4px rgb(254, 76, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0297, 0.4239, 0.2440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 76, 167) }
```

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

```
.background{ background-color: rgb(254, 76,  
167) }
```

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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