

Converting Colors

$Y_{xy}(28.9360, 0.4285, 0.2456)$

Have a look what the booklet for
Yxy(28.9360, 0.4285, 0.2456)
contains.

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Color

Yxy(29.0088, 0.4280, 0.2457)

Conversions

Conversions Part 1

Format	Color
Hex	FF4BA5
RGB	255, 75, 165
RGB Percent	100%, 29%, 65%
CMY	0.0002, 0.7055, 0.3530
CMYK	0.00, 0.71, 0.35, 0.00
HSL	330°, 100%, 65%
HSV	330°, 71%, 100%
XYZ	50.5322, 29.0088, 38.5249
YIQ	139.0800, 78.3900, 66.1500

Conversions

Conversions Part 2

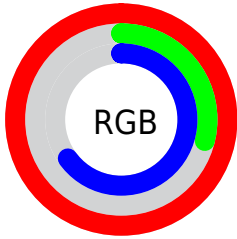
Format	Color
R _{YB}	255, 75, 165
Decimal	16731045
CIE Lab	60.79, 74.07, -9.06
CIE LCh	61, 74.618, 353.025
Yxy	29.0088, 0.4280, 0.2457
Android (android.graphics.Color)	4294921125 (0xFFFF4BA5)
YUV	139.0800, 12.7786, 101.6618
Hunter-Lab	53.8598, 73.2171, -4.7071

Details

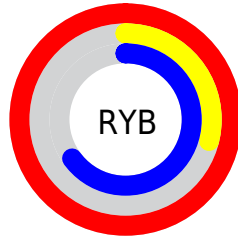
The Yxy color **29.0088, 0.4280, 0.2457** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **75.7050, 0.2689, 0.4480**, and the grayscale version is **25.7919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.0356, 0.3500, 0.2448**, and **12.5297, 0.4605, 0.2311** is the 20% darker color. If you saturate the color by 10%, you get **25.7714, 0.4529, 0.2430**, and if you desaturate by 10%, it is **33.6806, 0.4043, 0.2529**.

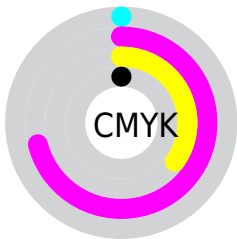
Distribution



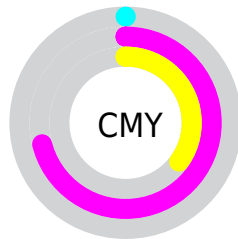
- Red (100%)
- Green (29%)
- Blue (65%)



- Red (100%)
- Yellow (29%)
- Blue (65%)



- Cyan (0%)
- Magenta (71%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.0088, 0.4280, 0.2457 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 29.0088, 0.4280, 0.2457 by changing the saturation by 10% instead.


 29.0088, 0.4280,
0.2457


 29.0088, 0.4280,
0.2457

297.2565, 0.3675,
0.2881

 19.0875, 0.4439,
0.2350


 58.0911, 0.4054,
0.2612

 11.7335, 0.4647,
0.2212


 78.0208, 0.3971,
0.2670

 6.5625, 0.4930,
0.2029


 102.0555, 0.3902,
0.2719

 3.1900, 0.5334,
0.1777

 130.5794, 0.3843,
0.2761

 1.2317, 0.5948,
0.1415

163.9771, 0.3792,
0.2797

 0.0874, 0.7453,
0.0273

202.6330, 0.3748,

 0.0000, 1.0000,

0.2829

0.0000

246.9313, 0.3709,
0.2857

■ 0.0000, 0.0000,
0.0000

■ 29.0088, 0.4280,
0.2457

■ 29.0088, 0.4280,
0.2457

■ 25.7714, 0.4529,
0.2430

■ 33.6806, 0.4043,
0.2529

■ 23.7856, 0.4778,
0.2457


■ 39.9310, 0.3828,
0.2634

■ 22.7936, 0.5002,
0.2529

■ 47.8916, 0.3639,
0.2758

■ 57.6788, 0.3477,
0.2892

■ 69.3987, 0.3340,
0.3027

 83.1493, 0.3226,
0.3158

99.0218, 0.3132,
0.3283

99.9902, 0.3127,
0.3290

Harmonies

Analogous

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



29.0088, 0.3018, 0.1932



29.0088, 0.4280, 0.2457



29.0088, 0.5247, 0.3136

Triad

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



29.0088, 0.4280, 0.2457



29.0088, 0.3912, 0.5429



29.0088, 0.1244, 0.2026

Complementary

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



29.0088, 0.4280, 0.2457



75.7050, 0.2689, 0.4480

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.



29.0088, 0.1370, 0.2897



29.0088, 0.4280, 0.2457



29.0088, 0.2850, 0.5440

Square

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



29.0088, 0.4280, 0.2457



29.0088, 0.4853, 0.4709



29.0088, 0.1912, 0.4302



29.0088, 0.1457, 0.1666

Rectangle

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



29.0088, 0.4280, 0.2457



29.0088, 0.5450, 0.3629



29.0088, 0.1912, 0.4302



29.0088, 0.1246, 0.2250

Sweetspot

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



29.0104, 0.4280, 0.2457



68.8568, 0.3346, 0.3021



20.2622, 0.2360, 0.1325



14.0080, 0.3381, 0.2984



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.



29.0104, 0.4280, 0.2457



24.7558, 0.4641, 0.2435



26.8036, 0.5537, 0.3297



18.1385, 0.3215, 0.3172



11.9458, 0.4965, 0.2509



1.1852, 0.4711, 0.2369

Inverse Universe

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



29.0104, 0.4280, 0.2457



24.7558, 0.4641, 0.2435



80.2031, 0.2324, 0.3288



18.1385, 0.3215, 0.3172



11.9458, 0.4965, 0.2509



1.1852, 0.4711, 0.2369

Previews

White Background



This preview shows how the Yxy color 29.0088, 0.4280, 0.2457 looks on a white background.

Color Contrast Check

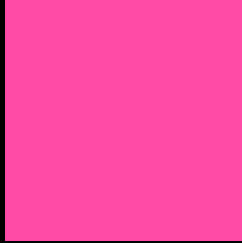
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0088, 0.4280, 0.2457 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 29.0088, 0.4280, 0.2457

Background



This preview shows how black text looks on a background with the Yxy color 29.0088, 0.4280, 0.2457.



This preview shows how white text looks on a background with the Yxy color 29.0088, 0.4280, 0.2457.

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

29.0088, 0.4280, 0.2457

Protanopia

29.3642, 0.2415, 0.2327

Deuteranopia

29.2133, 0.3147, 0.3092



Tritanopia

28.8601, 0.5105, 0.3241

Trichromacy



Original Color

29.0088, 0.4280, 0.2457



Protanomaly

26.1437, 0.2929, 0.2281



Deuteranomaly

26.7975, 0.3556, 0.2744



Tritanomaly

28.7562, 0.4833, 0.2958

Monochromacy



Original Color

29.0088, 0.4280, 0.2457



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.4527, 0.3554, 0.2836

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0088, 0.4280, 0.2457 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, 75, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 165)  
}
```

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, 75, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 165) }
```

Border

The CSS property to change the border of an element to Yxy 29.0088, 0.4280, 0.2457 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, 75, 165) }
```

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

```
.border{ border-color:rgb(255, 75, 165) }
```

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

Here you see how a box with a 4 pixel rgb(255, 75, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0088, 0.4280, 0.2457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 165) }
```

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

```
.background{ background-color: rgb(255, 75,  
165) }
```

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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