

Converting Colors

Yxy(27.8410, 0.4371, 0.2321)

Have a look what the booklet for
Yxy(27.8410, 0.4371, 0.2321)
contains.

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Color

Yxy(26.2838, 0.4289, 0.2281)

Conversions

Conversions Part 1

Format	Color
Hex	FF31A8
RGB	255, 49, 168
RGB Percent	100%, 19%, 66%
CMY	0.0000, 0.8083, 0.3411
CMYK	0.00, 0.81, 0.34, 0.00
HSL	325°, 100%, 60%
HSV	325°, 81%, 100%
XYZ	49.4218, 26.2838, 39.5236
YIQ	124.1600, 84.5770, 80.6810

Conversions

Conversions Part 2

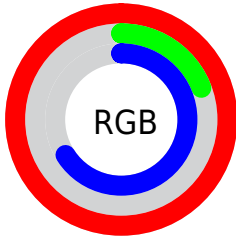
Format	Color
R _Y B	255, 49, 168
Decimal	16724392
CIE _{Lab}	58.31, 81.78, -14.56
CIE _{LCh}	58, 83.069, 349.908
Yxy	26.2838, 0.4289, 0.2281
Android (android.graphics.Color)	4294914472 (0xFFFF31A8)
YUV	124.1600, 21.6131, 114.7467
Hunter-Lab	51.2677, 82.3546, -9.8208

Details

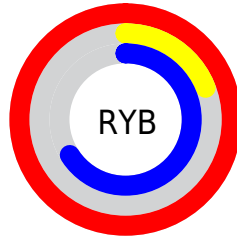
The Yxy color **26.2838, 0.4289, 0.2281** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **73.9442, 0.2750, 0.4906**, and the grayscale version is **20.0953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.5446, 0.3492, 0.2262**, and **12.5984, 0.4541, 0.2275** is the 20% darker color. If you saturate the color by 10%, you get **24.3316, 0.4488, 0.2291**, and if you desaturate by 10%, it is **29.4557, 0.4088, 0.2324**.

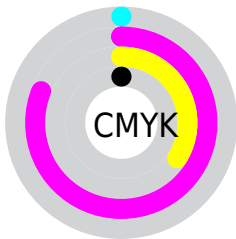
Distribution



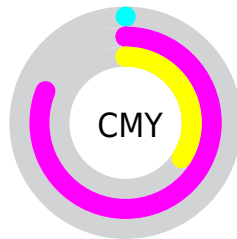
- Red (100%)
- Green (19%)
- Blue (66%)



- Red (100%)
- Yellow (19%)
- Blue (66%)



- Cyan (0%)
- Magenta (81%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (81%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2838, 0.4289, 0.2281 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 26.2838, 0.4289, 0.2281 by changing the saturation by 10% instead.

 26.2838, 0.4289,
0.2281


 26.2838, 0.4289,
0.2281


284.1725, 0.3680,
0.2790


 17.0361, 0.4448,
0.2155


 53.7324, 0.4062,
0.2466


 10.2602, 0.4657,
0.1994


 72.7021, 0.3978,
0.2535


 5.5718, 0.4939,
0.1784


 95.6813, 0.3908,
0.2594

 2.5865, 0.5340,
0.1500

 123.0542, 0.3849,
0.2644

 0.9199, 0.5943,
0.1108

 155.2055, 0.3798,
0.2688

 0.0000, 0.7340,
0.0000

192.5193, 0.3753,

 0.0000, 1.0000,

0.2726

0.0000

235.3802, 0.3715,
0.2760

■ 0.0000, 0.0000,
0.0000

■ 26.2838, 0.4289,
0.2281

■ 26.2838, 0.4289,
0.2281

■ 24.3316, 0.4488,
0.2291

■ 29.4557, 0.4088,
0.2324

■ 23.3788, 0.4666,
0.2344

■ 34.0511, 0.3897,
0.2411

■ 40.2107, 0.3721,
0.2533

■ 48.0644, 0.3565,
0.2675

■ 57.7287, 0.3429,
0.2827

69.3094, 0.3313,
0.2982

82.9042, 0.3215,
0.3134

98.6043, 0.3133,
0.3278

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.



26.2838, 0.2851, 0.1743



26.2838, 0.4289, 0.2281



26.2838, 0.5470, 0.2990

Triad

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



26.2838, 0.4289, 0.2281



26.2838, 0.4035, 0.5602



26.2838, 0.1057, 0.1925

Complementary

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



26.2838, 0.4289, 0.2281



73.9442, 0.2750, 0.4906

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.



26.2838, 0.1211, 0.2948



26.2838, 0.4289, 0.2281



26.2838, 0.2872, 0.5866

Square

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



26.2838, 0.4289, 0.2281



26.2838, 0.5081, 0.4678



26.2838, 0.1825, 0.4650



26.2838, 0.1250, 0.1512

Rectangle

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



26.2838, 0.4289, 0.2281



26.2838, 0.5738, 0.3503



26.2838, 0.1825, 0.4650



26.2838, 0.1067, 0.2183

Sweetspot

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



26.2754, 0.4288, 0.2281



65.4214, 0.3347, 0.2933



14.5393, 0.2086, 0.1042



13.1193, 0.3389, 0.2878



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.



26.2754, 0.4288, 0.2281



23.6480, 0.4608, 0.2324



23.8416, 0.5803, 0.3194



18.1631, 0.3203, 0.3153



12.2464, 0.4635, 0.2327



1.2142, 0.4427, 0.2213

Inverse Universe

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



26.2754, 0.4288, 0.2281



23.6480, 0.4608, 0.2324



78.3330, 0.2342, 0.3499



18.1631, 0.3203, 0.3153



12.2464, 0.4635, 0.2327



1.2142, 0.4427, 0.2213

Previews

White Background



This preview shows how the Yxy color 26.2838, 0.4289, 0.2281 looks on a white background.

Color Contrast Check

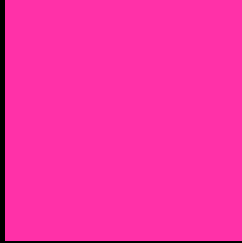
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2838, 0.4289, 0.2281 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 26.2838, 0.4289, 0.2281

Background



This preview shows how black text looks on a background with the Yxy color 26.2838, 0.4289, 0.2281.



This preview shows how white text looks on a background with the Yxy color 26.2838, 0.4289, 0.2281.

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

26.2838, 0.4289, 0.2281

Protanopia

26.8374, 0.2174, 0.2008

Deuteranopia

26.4366, 0.3024, 0.2974



Tritanopia

26.1977, 0.5396, 0.3264

Trichromacy



Original Color

26.2838, 0.4289, 0.2281



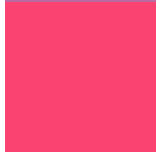
Protanomaly

22.2866, 0.2690, 0.1940



Deuteranomaly

23.1155, 0.3474, 0.2530



Tritanomaly

25.7158, 0.5047, 0.2899

Monochromacy



Original Color

26.2838, 0.4289, 0.2281



Achromatopsia

20.1556, 0.3127, 0.3290



Achromatomaly

19.2135, 0.3595, 0.2654

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2838, 0.4289, 0.2281 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, 49, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 49, 168)  
}
```

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, 49, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 49, 168) }
```

Border

The CSS property to change the border of an element to Yxy 26.2838, 0.4289, 0.2281 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, 49, 168) }
```

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

```
.border{ border-color:rgb(255, 49, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 49, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 49, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 49, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 49,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2838, 0.4289, 0.2281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 49, 168) }
```

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

```
.background{ background-color: rgb(255, 49,  
168) }
```

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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