

Converting Colors

$Y_{xy}(26.2682, 0.4279, 0.2273)$

Have a look what the booklet for
Yxy(26.2682, 0.4279, 0.2273)
contains.

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Color

Yxy(26.3212, 0.4274, 0.2272)

Conversions

Conversions Part 1

Format	Color
Hex	FF31A9
RGB	255, 49, 169
RGB Percent	100%, 19%, 66%
CMY	0.0000, 0.8082, 0.3372
CMYK	0.00, 0.81, 0.34, 0.00
HSL	325°, 100%, 60%
HSV	325°, 81%, 100%
XYZ	49.5144, 26.3212, 40.0147
YIQ	124.2740, 84.2560, 80.9920

Conversions

Conversions Part 2

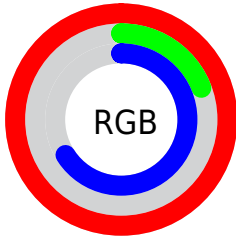
Format	Color
R _Y B	255, 49, 169
Decimal	16724393
CIE _{Lab}	58.34, 81.88, -15.08
CIE _{LCh}	58, 83.260, 349.563
Yxy	26.3212, 0.4274, 0.2272
Android (android.graphics.Color)	4294914473 (0xFFFF31A9)
YUV	124.2740, 22.0499, 114.6467
Hunter-Lab	51.3042, 82.4907, -10.3303

Details

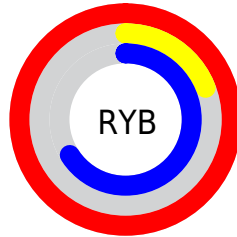
The Yxy color **26.3212, 0.4274, 0.2272** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **73.9164, 0.2754, 0.4919**, and the grayscale version is **20.1351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.5987, 0.3481, 0.2254**, and **12.6218, 0.4520, 0.2263** is the 20% darker color. If you saturate the color by 10%, you get **24.3704, 0.4470, 0.2281**, and if you desaturate by 10%, it is **29.4920, 0.4076, 0.2316**.

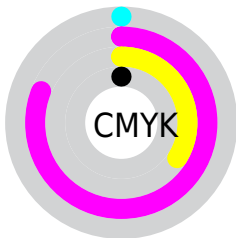
Distribution



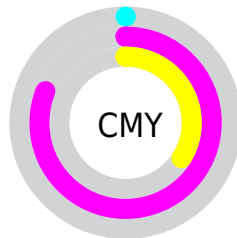
- Red (100%)
- Green (19%)
- Blue (66%)



- 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 26.3212, 0.4274, 0.2272 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 26.3212, 0.4274, 0.2272 by changing the saturation by 10% instead.


 26.3212, 0.4274,
0.2272


 26.3212, 0.4274,
0.2272


284.3553, 0.3674,
0.2784


 17.0641, 0.4431,
0.2145


 53.7927, 0.4050,
0.2458


 10.2802, 0.4635,
0.1984


 72.7758, 0.3968,
0.2528


 5.5851, 0.4913,
0.1773


 95.7698, 0.3899,
0.2587

 2.5945, 0.5306,
0.1490

 123.1589, 0.3841,
0.2638

 0.9239, 0.5895,
0.1099

 155.3276, 0.3790,
0.2682

 0.0000, 0.7253,
0.0000

192.6603, 0.3746,

 0.0000, 1.0000,

0.2720

0.0000

235.5414, 0.3708,
0.2754

■ 0.0000, 0.0000,
0.0000

■ 26.3212, 0.4274,
0.2272

■ 26.3212, 0.4274,
0.2272

■ 24.3704, 0.4470,
0.2281

■ 29.4920, 0.4076,
0.2316

■ 23.4177, 0.4645,
0.2333


■ 34.0852, 0.3888,
0.2404

■ 40.2419, 0.3714,
0.2527

■ 48.0920, 0.3560,
0.2670

■ 57.7519, 0.3425,
0.2824

 69.3274, 0.3311,
0.2980

 82.9163, 0.3214,
0.3133

 98.6095, 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.



26.3212, 0.2836, 0.1736



26.3212, 0.4274, 0.2272



26.3212, 0.5465, 0.2980

Triad

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



26.3212, 0.4274, 0.2272



26.3212, 0.4048, 0.5596



26.3212, 0.1055, 0.1930

Complementary

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



26.3212, 0.4274, 0.2272



73.9164, 0.2754, 0.4919

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.



26.3212, 0.1213, 0.2964



26.3212, 0.4274, 0.2272



26.3212, 0.2884, 0.5876

Square

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



26.3212, 0.4274, 0.2272



26.3212, 0.5093, 0.4668



26.3212, 0.1833, 0.4673



26.3212, 0.1243, 0.1512

Rectangle

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



26.3212, 0.4274, 0.2272



26.3212, 0.5741, 0.3493



26.3212, 0.1833, 0.4673



26.3212, 0.1065, 0.2192

Sweetspot

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



26.3132, 0.4273, 0.2272



65.4379, 0.3345, 0.2931



14.5402, 0.2086, 0.1042



13.1232, 0.3386, 0.2875



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.



26.3132, 0.4273, 0.2272



23.6868, 0.4588, 0.2314



23.8423, 0.5803, 0.3194



18.1647, 0.3202, 0.3152



12.2667, 0.4615, 0.2316



1.2162, 0.4410, 0.2203

Inverse Universe

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



26.3132, 0.4273, 0.2272



23.6868, 0.4588, 0.2314



78.3332, 0.2342, 0.3499



18.1647, 0.3202, 0.3152



12.2667, 0.4615, 0.2316



1.2162, 0.4410, 0.2203

Previews

White Background



This preview shows how the Yxy color 26.3212, 0.4274, 0.2272 looks on a white background.

Color Contrast Check

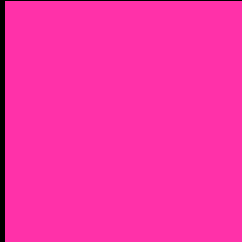
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3212, 0.4274, 0.2272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

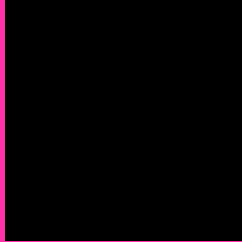
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3212, 0.4274, 0.2272

Background



This preview shows how black text looks on a background with the Yxy color 26.3212, 0.4274, 0.2272.



This preview shows how white text looks on a background with the Yxy color 26.3212, 0.4274, 0.2272.

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

26.3212, 0.4274, 0.2272

Protanopia

26.8332, 0.2163, 0.1996

Deuteranopia

26.4709, 0.3014, 0.2958



Tritanopia

26.1977, 0.5396, 0.3264

Trichromacy



Original Color

26.3212, 0.4274, 0.2272



Protanomaly

22.2331, 0.2672, 0.1926



Deuteranomaly

23.1509, 0.3461, 0.2518



Tritanomaly

25.7384, 0.5032, 0.2889

Monochromacy



Original Color

26.3212, 0.4274, 0.2272



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 26.3212, 0.4274, 0.2272 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, 169)` looks like.

```
.text, #text, p{  
  color:rgb(255, 49, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 49, 169) }
```

Border

The CSS property to change the border of an element to Yxy 26.3212, 0.4274, 0.2272 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, 169) }
```

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

```
.border{ border-color:rgb(255, 49, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 49, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 49, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 49,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3212, 0.4274, 0.2272 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, 169) }
```

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

```
.background{ background-color: rgb(255, 49,  
169) }
```

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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