

Converting Colors

$Y_{xy}(26.8735, 0.3729, 0.2019)$

Have a look what the booklet for
Yxy(26.8735, 0.3729, 0.2019)
contains.

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Color

Yxy(26.8735, 0.3729, 0.2019)

Conversions

Conversions Part 1

Format	Color
Hex	F53DC7
RGB	245, 61, 199
RGB Percent	96%, 24%, 78%
CMY	0.0392, 0.7608, 0.2197
CMYK	0.00, 0.75, 0.19, 0.04
HSL	315°, 90%, 60%
HSV	315°, 75%, 96%
XYZ	49.6341, 26.8735, 56.5954
YIQ	131.7480, 65.3660, 81.9260

Conversions

Conversions Part 2

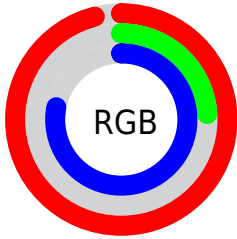
Format	Color
R _{YB}	245, 61, 199
Decimal	16072135
CIE Lab	58.86, 79.98, -31.74
CIE LCh	59, 86.049, 338.353
Yxy	26.8735, 0.3729, 0.2019
Android (android.graphics.Color)	4294262215 (0xFFF53DC7)
YUV	131.7480, 33.1552, 99.3220
Hunter-Lab	51.8397, 80.1862, -28.4415

Details

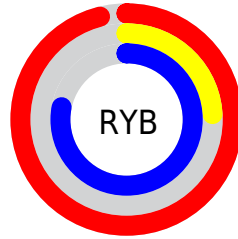
The Yxy color **26.8735, 0.3729, 0.2019** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **67.3636, 0.2874, 0.5200**, and the grayscale version is **22.8413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.4017, 0.3184, 0.2070**, and **12.2347, 0.3830, 0.1884** is the 20% darker color. If you saturate the color by 10%, you get **24.5503, 0.3832, 0.1963**, and if you desaturate by 10%, it is **30.4043, 0.3626, 0.2121**.

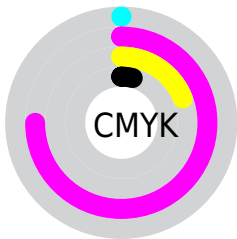
Distribution



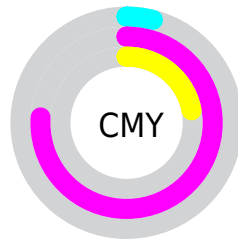
- Red (96%)
- Green (24%)
- Blue (78%)



- Red (96%)
- Yellow (24%)
- Blue (78%)



- Cyan (0%)
- Magenta (75%)
- Yellow (19%)
- Black (4%)




- Cyan (4%)
- Magenta (76%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8735, 0.3729, 0.2019 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 26.8735, 0.3729, 0.2019 by changing the saturation by 10% instead.


 26.8735, 0.3729,
0.2019


 26.8735, 0.3729,
0.2019

287.0441, 0.3440,
0.2628


 17.4782, 0.3796,
0.1878


 54.6808, 0.3627,
0.2233


 10.5760, 0.3879,
0.1703


 73.8616, 0.3588,
0.2316

 5.7825, 0.3984,
0.1484


 97.0731, 0.3555,
0.2386

 2.7133, 0.4117,
0.1204

 124.6997, 0.3526,
0.2448

 0.9840, 0.4289,
0.0847

 157.1256, 0.3500,
0.2501

 0.0000, 0.4693,
0.0000

194.7354, 0.3478,

 0.0000, 0.4710,

0.2549

0.0000

237.9135, 0.3458,
0.2591

■ 0.0000, 0.0000,
0.0000

■ 26.8735, 0.3729,
0.2019

■ 26.8735, 0.3729,
0.2019

■ 24.5503, 0.3832,
0.1963

■ 30.4043, 0.3626,
0.2121

■ 23.2532, 0.3931,
0.1956

■ 35.2827, 0.3527,
0.2262


■ 22.8631, 0.3979,
0.1966


■ 41.6340, 0.3434,
0.2431

■ 49.5680, 0.3350,
0.2617

■ 59.1838, 0.3275,
0.2812

 70.5728, 0.3209,
0.3007

 83.8193, 0.3153,
0.3197

 97.7117, 0.3105,
0.3358

 98.0983, 0.3071,
0.3298

Harmonies

Analogous

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



26.8735, 0.2370, 0.1575



26.8735, 0.3729, 0.2019



26.8735, 0.5157, 0.2688

Triad

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



26.8735, 0.3729, 0.2019



26.8735, 0.4474, 0.5299



26.8735, 0.1034, 0.2199

Complementary

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



26.8735, 0.3729, 0.2019



67.3636, 0.2874, 0.5200

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.



26.8735, 0.1346, 0.3551



26.8735, 0.3729, 0.2019



26.8735, 0.3306, 0.5986

Square

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



26.8735, 0.3729, 0.2019



26.8735, 0.5430, 0.4312



26.8735, 0.2161, 0.5344



26.8735, 0.1102, 0.1581

Rectangle

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



26.8735, 0.3729, 0.2019



26.8735, 0.5704, 0.3188



26.8735, 0.2161, 0.5344



26.8735, 0.1089, 0.2557

Sweetspot

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



26.8749, 0.3729, 0.2019



67.2089, 0.3260, 0.2852



13.0574, 0.1939, 0.1045



13.4918, 0.3286, 0.2781



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.



26.8749, 0.3729, 0.2019



26.0356, 0.3883, 0.1954



23.8137, 0.5114, 0.2901



16.6933, 0.3176, 0.3114



12.3393, 0.3964, 0.1957



1.1009, 0.3848, 0.1894

Inverse Universe

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



26.8749, 0.3729, 0.2019



26.0356, 0.3883, 0.1954



70.4253, 0.2486, 0.3900



16.6933, 0.3176, 0.3114



12.3393, 0.3964, 0.1957



1.1009, 0.3848, 0.1894

Previews

White Background



This preview shows how the Yxy color 26.8735, 0.3729, 0.2019 looks on a white background.

Color Contrast Check

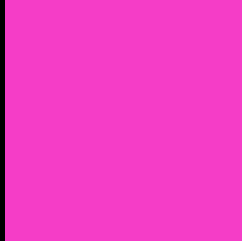
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8735, 0.3729, 0.2019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

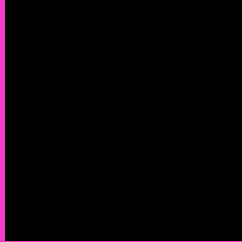
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8735, 0.3729, 0.2019

Background



This preview shows how black text looks on a background with the Yxy color 26.8735, 0.3729, 0.2019.

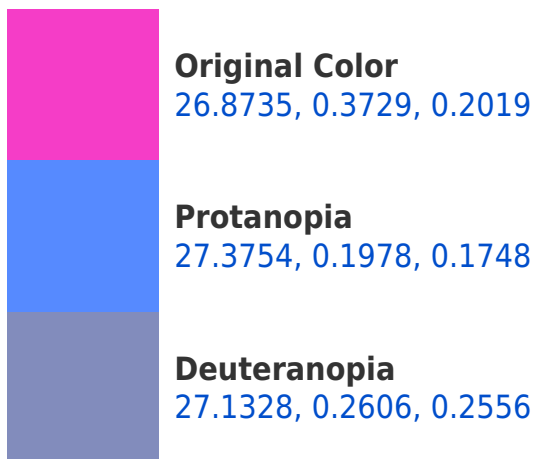


This preview shows how white text looks on a background with the Yxy color 26.8735, 0.3729, 0.2019.

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





Tritanopia

26.7584, 0.4944, 0.3235

Trichromacy



Original Color

26.8735, 0.3729, 0.2019



Protanomaly

23.0793, 0.2349, 0.1691



Deuteranomaly

23.9453, 0.2957, 0.2198



Tritanomaly

26.1629, 0.4518, 0.2745

Monochromacy



Original Color

26.8735, 0.3729, 0.2019



Achromatopsia

23.0740, 0.3127, 0.3290



Achromatomaly

21.5926, 0.3375, 0.2567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8735, 0.3729, 0.2019 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(245, 61, 199)` looks like.

```
.text, #text, p{  
    color:rgb(245, 61, 199)  
}
```

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(245, 61, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 61, 199) }
```

Border

The CSS property to change the border of an element to Yxy 26.8735, 0.3729, 0.2019 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(245, 61, 199) }
```

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

```
.border{ border-color:rgb(245, 61, 199) }
```

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

Here you see how a box with a 4 pixel rgb(245, 61, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 61, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 61, 199);  
box-shadow:4px 4px 4px 4px rgb(245, 61,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8735, 0.3729, 0.2019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 61, 199) }
```

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

```
.background{ background-color: rgb(245, 61,  
199) }
```

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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