

Converting Colors

$Y_{xy}(26.8623, 0.3266, 0.1573)$

Have a look what the booklet for
Yxy(26.8623, 0.3266, 0.1573)
contains.

Yxy(26.8556, 0.3271, 0.1576)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.8556, 0.3271, 0.1576)

Conversions

Conversions Part 1

Format	Color
Hex	FA00F4
RGB	250, 0, 244
RGB Percent	98%, 0%, 96%
CMY	0.0198, 0.9982, 0.0433
CMYK	0.00, 1.00, 0.02, 0.02
HSL	301°, 100%, 49%
HSV	301°, 100%, 98%
XYZ	55.7390, 26.8556, 87.8090
YIQ	102.5660, 70.6760, 128.8840

Conversions

Conversions Part 2

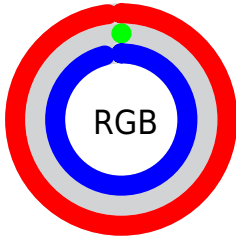
Format	Color
RYB	250, 0, 244
Decimal	16384244
CIELab	58.84, 95.93, -57.13
CIELCh	59, 111.648, 329.225
Yxy	26.8556, 0.3271, 0.1576
Android (android.graphics.Color)	4294574324 (0xFFFA00F4)
YUV	102.5660, 69.7270, 129.2996
Hunter-Lab	51.8224, 101.3014, -64.1866

Details

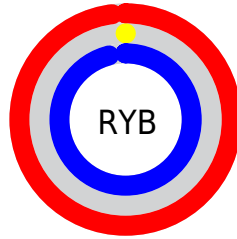
The Yxy color **26.8556, 0.3271, 0.1576** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **68.3645, 0.2997, 0.5989**, and the grayscale version is **13.3151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3806, 0.3192, 0.1907**, and **14.2792, 0.3222, 0.1549** is the 20% darker color. If you saturate the color by 10%, you get **26.8460, 0.3271, 0.1576**, and if you desaturate by 10%, it is **27.5986, 0.3263, 0.1603**.

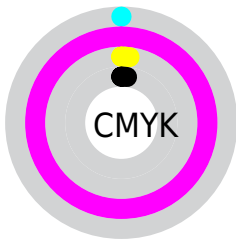
Distribution



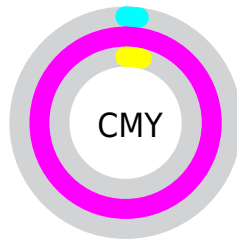
- Red (98%)
- Green (0%)
- Blue (96%)



- Red (98%)
- Yellow (0%)
- Blue (96%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (2%)




- Cyan (2%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8556, 0.3271, 0.1576 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 26.8556, 0.3271, 0.1576 by changing the saturation by 10% instead.

 26.8556, 0.3271,
0.1576


 26.8556, 0.3271,
0.1576


286.9573, 0.3250,
0.2339


 17.4648, 0.3263,
0.1416


 54.6521, 0.3274,
0.1830


 10.5664, 0.3246,
0.1229


 73.8265, 0.3272,
0.1932

 5.7761, 0.3213,
0.1009


 97.0310, 0.3269,
0.2022

 2.7094, 0.3152,
0.0754

 124.6499, 0.3266,
0.2100

 0.9820, 0.3038,
0.0469

 157.0675, 0.3262,
0.2170

 0.0000, 0.2875,
0.0000

194.6684, 0.3258,

 0.0000, 0.2408,

0.2232

0.0000

237.8368, 0.3254,
0.2288

■ 0.0000, 0.0702,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 26.8556, 0.3271,
0.1576

■ 26.8556, 0.3271,
0.1576

■ 26.8460, 0.3271,
0.1576

■ 27.5986, 0.3263,
0.1603

■ 29.2408, 0.3253,
0.1666

■ 32.0513, 0.3240,
0.1774

■ 36.1954, 0.3226,
0.1924

41.8123, 0.3210,
0.2111

49.0234, 0.3193,
0.2327

57.9378, 0.3176,
0.2563

68.6548, 0.3159,
0.2808

81.2662, 0.3142,
0.3054

Harmonies

Analogous

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



26.8556, 0.1806, 0.1190



26.8556, 0.3271, 0.1576



26.8556, 0.5214, 0.2249

Triad

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



26.8556, 0.3271, 0.1576



26.8556, 0.4908, 0.5092



26.8556, 0.0725, 0.2244

Complementary

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



26.8556, 0.3271, 0.1576



68.3645, 0.2997, 0.5989

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.



26.8556, 0.1147, 0.4316



26.8556, 0.3271, 0.1576



26.8556, 0.3506, 0.6427

Square

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



26.8556, 0.3271, 0.1576



26.8556, 0.6045, 0.3899



26.8556, 0.2172, 0.6587



26.8556, 0.0726, 0.1370

Rectangle

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



26.8556, 0.3271, 0.1576



26.8556, 0.6136, 0.2764



26.8556, 0.2172, 0.6587



26.8556, 0.0806, 0.2778

Sweetspot

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



26.8569, 0.3271, 0.1576



60.4024, 0.3176, 0.2557



6.9398, 0.1504, 0.0603



12.0416, 0.3183, 0.2456



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.



26.8569, 0.3271, 0.1576



28.0918, 0.3271, 0.1576



21.7090, 0.5066, 0.2566



17.5170, 0.3142, 0.3062



14.2482, 0.3270, 0.1575



1.3219, 0.3262, 0.1571

Inverse Universe

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



26.8569, 0.3271, 0.1576



28.0918, 0.3271, 0.1576



69.9452, 0.2716, 0.4978



17.5170, 0.3142, 0.3062



14.2482, 0.3270, 0.1575



1.3219, 0.3262, 0.1571

Previews

White Background



This preview shows how the Yxy color 26.8556, 0.3271, 0.1576 looks on a white background.

Color Contrast Check

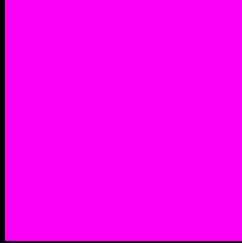
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8556, 0.3271, 0.1576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

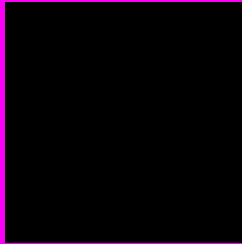
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8556, 0.3271, 0.1576

Background



This preview shows how black text looks on a background with the Yxy color 26.8556, 0.3271, 0.1576.



This preview shows how white text looks on a background with the Yxy color 26.8556, 0.3271, 0.1576.

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

26.8556, 0.3271, 0.1576

Protanopia

27.6165, 0.1977, 0.1760

Deuteranopia

27.5262, 0.2114, 0.2058



Tritanopia

26.9872, 0.4894, 0.3234

Trichromacy



Original Color

26.8556, 0.3271, 0.1576



Protanomaly

20.1295, 0.2234, 0.1377



Deuteranomaly

19.8122, 0.2368, 0.1514



Tritanomaly

24.1958, 0.4318, 0.2406

Monochromacy



Original Color

26.8556, 0.3271, 0.1576



Achromatopsia

13.5633, 0.3127, 0.3290



Achromatomaly

13.2974, 0.3218, 0.1991

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8556, 0.3271, 0.1576 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(250, 0, 244)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 244)  
}
```

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(250, 0, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 244) }
```

Border

The CSS property to change the border of an element to Yxy 26.8556, 0.3271, 0.1576 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(250, 0, 244) }
```

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

```
.border{ border-color:rgb(250, 0, 244) }
```

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

Here you see how a box with a 4 pixel rgb(250, 0, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 244);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8556, 0.3271, 0.1576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 244) }
```

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

```
.background{ background-color: rgb(250, 0,  
244) }
```

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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