

Converting Colors

Yxy(26.8836, 0.3374, 0.1632)

Have a look what the booklet for
Yxy(26.8836, 0.3374, 0.1632)
contains.

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Color

Yxy(26.8099, 0.3367, 0.1629)

Conversions

Conversions Part 1

Format	Color
Hex	FC01ED
RGB	252, 1, 237
RGB Percent	99%, 0%, 93%
CMY	0.0120, 0.9978, 0.0707
CMYK	0.00, 1.00, 0.06, 0.01
HSL	304°, 100%, 50%
HSV	304°, 100%, 99%
XYZ	55.4137, 26.8099, 82.3553
YIQ	102.9530, 73.8400, 126.6080

Conversions

Conversions Part 2

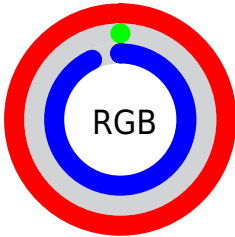
Format	Color
RYB	252, 1, 237
Decimal	16515565
CIELab	58.80, 95.29, -53.26
CIELCh	59, 109.169, 330.798
Yxy	26.8099, 0.3367, 0.1629
Android (android.graphics.Color)	4294705645 (0xFFFC01ED)
YUV	102.9530, 66.0852, 130.7142
Hunter-Lab	51.7783, 100.4208, -58.0582

Details

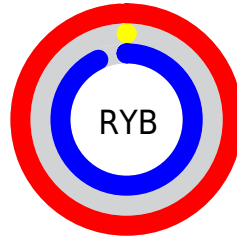
The Yxy color **26.8099, 0.3367, 0.1629** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **69.6281, 0.2993, 0.5972**, and the grayscale version is **13.2841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3806, 0.3192, 0.1907**, and **14.2424, 0.3346, 0.1617** is the 20% darker color. If you saturate the color by 10%, you get **26.7967, 0.3367, 0.1629**, and if you desaturate by 10%, it is **27.6154, 0.3348, 0.1651**.

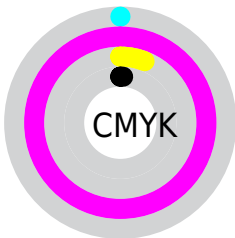
Distribution



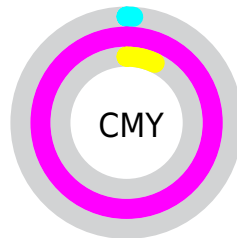
- Red (99%)
- Green (0%)
- Blue (93%)



- Red (99%)
- Yellow (0%)
- Blue (93%)



- Cyan (0%)
- Magenta (100%)
- Yellow (6%)
- Black (1%)





- Cyan (1%)
- Magenta (100%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8099, 0.3367, 0.1629 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 26.8099, 0.3367, 0.1629 by changing the saturation by 10% instead.


 26.8099, 0.3367,
0.1629


 26.8099, 0.3367,
0.1629


286.7355, 0.3294,
0.2375


 17.4305, 0.3372,
0.1471


 54.5787, 0.3350,
0.1880


 10.5419, 0.3372,
0.1284


 73.7368, 0.3341,
0.1980


 5.7597, 0.3362,
0.1062


 96.9234, 0.3332,
0.2067

 2.6995, 0.3330,
0.0801

 124.5227, 0.3324,
0.2144

 0.9770, 0.3254,
0.0506

 156.9191, 0.3316,
0.2212

 0.0000, 0.3151,
0.0000

194.4972, 0.3308,

 0.0000, 0.2722,

0.2272

0.0000

237.6412, 0.3301,
0.2327

■ 0.0000, 0.0746,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 26.8099, 0.3367,
0.1629

■ 26.8099, 0.3367,
0.1629

■ 26.7967, 0.3367,
0.1629

■ 27.6154, 0.3348,
0.1651

■ 29.3401, 0.3327,
0.1711

■ 32.2559, 0.3303,
0.1816

■ 36.5316, 0.3277,
0.1963

■ 42.3088, 0.3250,
0.2146

■ 49.7114, 0.3223,
0.2358

■ 58.8505, 0.3196,
0.2587

■ 69.8273, 0.3171,
0.2825

■ 82.7355, 0.3148,
0.3063

Harmonies

Analogous

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



26.8099, 0.1885, 0.1228



26.8099, 0.3367, 0.1629



26.8099, 0.5264, 0.2309

Triad

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



26.8099, 0.3367, 0.1629



26.8099, 0.4838, 0.5162



26.8099, 0.0746, 0.2200

Complementary

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



26.8099, 0.3367, 0.1629



69.6281, 0.2993, 0.5972

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.



26.8099, 0.1145, 0.4162



26.8099, 0.3367, 0.1629



26.8099, 0.3449, 0.6424

Square

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



26.8099, 0.3367, 0.1629



26.8099, 0.5968, 0.3969



26.8099, 0.2140, 0.6441



26.8099, 0.0760, 0.1374

Rectangle

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



26.8099, 0.3367, 0.1629



26.8099, 0.6124, 0.2824



26.8099, 0.2140, 0.6441



26.8099, 0.0820, 0.2704

Sweetspot

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



26.8112, 0.3367, 0.1629



60.2301, 0.3197, 0.2581



7.1241, 0.1511, 0.0607



11.9996, 0.3208, 0.2483



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.



26.8112, 0.3367, 0.1629



27.5400, 0.3368, 0.1629



21.9062, 0.5209, 0.2644



17.5057, 0.3147, 0.3070



13.9732, 0.3365, 0.1627



1.2994, 0.3344, 0.1616

Inverse Universe

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



26.8112, 0.3367, 0.1629



27.5400, 0.3368, 0.1629



71.4512, 0.2684, 0.4862



17.5057, 0.3147, 0.3070



13.9732, 0.3365, 0.1627



1.2994, 0.3344, 0.1616

Previews

White Background



This preview shows how the Yxy color 26.8099, 0.3367, 0.1629 looks on a white background.

Color Contrast Check

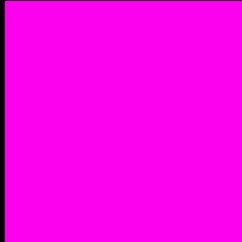
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8099, 0.3367, 0.1629 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 26.8099, 0.3367, 0.1629

Background



This preview shows how black text looks on a background with the Yxy color 26.8099, 0.3367, 0.1629.



This preview shows how white text looks on a background with the Yxy color 26.8099, 0.3367, 0.1629.

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

26.8316, 0.3367, 0.1630

Protanopia

27.6165, 0.1977, 0.1760

Deuteranopia

27.3830, 0.2186, 0.2119



Tritanopia

26.9067, 0.4982, 0.3236

Trichromacy



Original Color

26.8316, 0.3367, 0.1630



Protanomaly

20.0331, 0.2258, 0.1397



Deuteranomaly

20.0522, 0.2463, 0.1580



Tritanomaly

24.3525, 0.4434, 0.2457

Monochromacy



Original Color

26.8316, 0.3367, 0.1630



Achromatopsia

13.5633, 0.3127, 0.3290



Achromatomaly

13.3315, 0.3261, 0.2020

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8099, 0.3367, 0.1629 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(252, 1, 237)` looks like.

```
.text, #text, p{  
    color:rgb(252, 1, 237)  
}
```

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(252, 1, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 1, 237) }
```

Border

The CSS property to change the border of an element to Yxy 26.8099, 0.3367, 0.1629 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(252, 1, 237) }
```

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

```
.border{ border-color:rgb(252, 1, 237) }
```

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

Here you see how a box with a 4 pixel rgb(252, 1, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 1, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 1, 237);  
box-shadow:4px 4px 4px 4px rgb(252, 1,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8099, 0.3367, 0.1629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 1, 237) }
```

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

```
.background{ background-color: rgb(252, 1,  
237) }
```

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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