

Converting Colors

$Yxy(27.0638, 0.3341, 0.1614)$

Have a look what the booklet for
Yxy(27.0638, 0.3341, 0.1614)
contains.

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Color

Yxy(26.9867, 0.3334, 0.1611)

Conversions

Conversions Part 1

Format	Color
Hex	FC01F0
RGB	252, 1, 240
RGB Percent	99%, 0%, 94%
CMY	0.0120, 0.9970, 0.0589
CMYK	0.00, 1.00, 0.05, 0.01
HSL	303°, 99%, 50%
HSV	303°, 100%, 99%
XYZ	55.8496, 26.9867, 84.6789
YIQ	103.2950, 72.8770, 127.5410

Conversions

Conversions Part 2

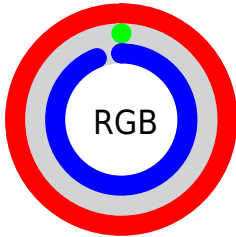
Format	Color
RYB	252, 1, 240
Decimal	16515568
CIELab	58.96, 95.68, -54.68
CIElCh	59, 110.200, 330.253
Yxy	26.9867, 0.3334, 0.1611
Android (android.graphics.Color)	4294705648 (0xFFFC01F0)
YUV	103.2950, 67.3956, 130.4143
Hunter-Lab	51.9487, 100.9934, -60.2815

Details

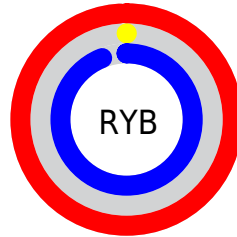
The Yxy color **26.9867, 0.3334, 0.1611** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **69.6088, 0.2994, 0.5978**, and the grayscale version is **13.4041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3806, 0.3192, 0.1907**, and **14.3660, 0.3304, 0.1594** is the 20% darker color. If you saturate the color by 10%, you get **26.9693, 0.3334, 0.1611**, and if you desaturate by 10%, it is **27.7798, 0.3319, 0.1635**.

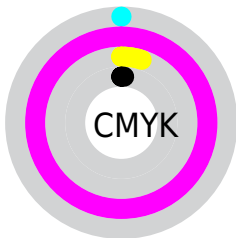
Distribution



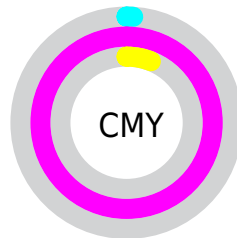
- Red (99%)
- Green (0%)
- Blue (94%)



- Red (99%)
- Yellow (0%)
- Blue (94%)



- Cyan (0%)
- Magenta (100%)
- Yellow (5%)
- Black (1%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9867, 0.3334, 0.1611 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 26.9867, 0.3334, 0.1611 by changing the saturation by 10% instead.

 26.9867, 0.3334,
0.1611


 26.9867, 0.3334,
0.1611


287.5927, 0.3279,
0.2362


 17.5632, 0.3335,
0.1453


 54.8625, 0.3324,
0.1862

 10.6369, 0.3329,
0.1266


 74.0837, 0.3318,
0.1963


 5.8232, 0.3311,
0.1045


 97.3395, 0.3311,
0.2051

 2.7379, 0.3269,
0.0787

 125.0144, 0.3304,
0.2128

 0.9965, 0.3180,
0.0496

 157.4928, 0.3297,
0.2197

 0.0000, 0.3058,
0.0000

195.1590, 0.3291,

 0.0000, 0.2617,

0.2258

0.0000

238.3976, 0.3285,
0.2313

■ 0.0000, 0.0844,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 26.9867, 0.3334,
0.1611

■ 26.9867, 0.3334,
0.1611

■ 26.9693, 0.3334,
0.1611

■ 27.7798, 0.3319,
0.1635

■ 29.4957, 0.3301,
0.1697

■ 32.4035, 0.3281,
0.1802

■ 36.6719, 0.3259,
0.1951

42.4422, 0.3236,
0.2136

49.8383, 0.3212,
0.2349

58.9710, 0.3189,
0.2581

69.9417, 0.3167,
0.2821

82.8436, 0.3146,
0.3062

Harmonies

Analogous

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



26.9867, 0.1858, 0.1215



26.9867, 0.3334, 0.1611



26.9867, 0.5247, 0.2289

Triad

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



26.9867, 0.3334, 0.1611



26.9867, 0.4862, 0.5138



26.9867, 0.0739, 0.2215

Complementary

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



26.9867, 0.3334, 0.1611



69.6088, 0.2994, 0.5978

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.



26.9867, 0.1146, 0.4214



26.9867, 0.3334, 0.1611



26.9867, 0.3468, 0.6424

Square

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



26.9867, 0.3334, 0.1611



26.9867, 0.5994, 0.3945



26.9867, 0.2152, 0.6491



26.9867, 0.0748, 0.1373

Rectangle

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



26.9867, 0.3334, 0.1611



26.9867, 0.6128, 0.2803



26.9867, 0.2152, 0.6491



26.9867, 0.0816, 0.2729

Sweetspot

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



26.9880, 0.3334, 0.1611



60.2877, 0.3190, 0.2573



7.0992, 0.1508, 0.0605



12.0137, 0.3200, 0.2474



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.



26.9880, 0.3334, 0.1611



27.7225, 0.3335, 0.1611



22.0059, 0.5136, 0.2604



17.5095, 0.3145, 0.3067



14.0642, 0.3332, 0.1609



1.3069, 0.3316, 0.1600

Inverse Universe

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



26.9880, 0.3334, 0.1611



27.7225, 0.3335, 0.1611



71.3218, 0.2700, 0.4919



17.5095, 0.3145, 0.3067



14.0642, 0.3332, 0.1609



1.3069, 0.3316, 0.1600

Previews

White Background



This preview shows how the Yxy color 26.9867, 0.3334, 0.1611 looks on a white background.

Color Contrast Check

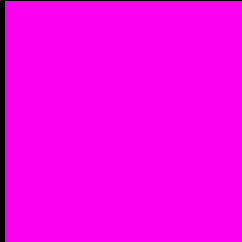
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9867, 0.3334, 0.1611 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 26.9867, 0.3334, 0.1611

Background



This preview shows how black text looks on a background with the Yxy color 26.9867, 0.3334, 0.1611.



This preview shows how white text looks on a background with the Yxy color 26.9867, 0.3334, 0.1611.

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

27.0084, 0.3334, 0.1611

Protanopia

27.6165, 0.1977, 0.1760

Deuteranopia

27.6226, 0.2163, 0.2108



Tritanopia

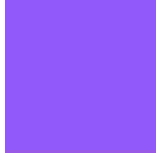
27.1027, 0.4962, 0.3236

Trichromacy



Original Color

27.0084, 0.3334, 0.1611



Protanomaly

20.1579, 0.2247, 0.1386



Deuteranomaly

19.9676, 0.2431, 0.1557



Tritanomaly

24.5208, 0.4400, 0.2443

Monochromacy



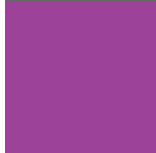
Original Color

27.0084, 0.3334, 0.1611



Achromatopsia

13.5633, 0.3127, 0.3290



Achromatomaly

13.3644, 0.3246, 0.2008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9867, 0.3334, 0.1611 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(252, 1, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 1, 240) }
```

Border

The CSS property to change the border of an element to Yxy 26.9867, 0.3334, 0.1611 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, 240) }
```

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

```
.border{ border-color:rgb(252, 1, 240) }
```

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, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 1, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 1, 240);  
box-shadow:4px 4px 4px 4px rgb(252, 1,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9867, 0.3334, 0.1611 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, 240) }
```

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

```
.background{ background-color: rgb(252, 1,  
240) }
```

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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