

Converting Colors

Yxy(26.8848, 0.3166, 0.1564)

Have a look what the booklet for
Yxy(26.8848, 0.3166, 0.1564)
contains.

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Color

Yxy(26.8031, 0.3166, 0.1564)

Conversions

Conversions Part 1

Format	Color
Hex	F320F7
RGB	243, 32, 247
RGB Percent	95%, 13%, 97%
CMY	0.0472, 0.8739, 0.0313
CMYK	0.02, 0.87, 0.00, 0.03
HSL	299°, 93%, 55%
HSV	299°, 87%, 97%
XYZ	54.2574, 26.8031, 90.3148
YIQ	119.5990, 56.7410, 111.5970

Conversions

Conversions Part 2

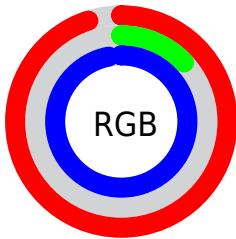
Format	Color
R _Y B	243, 32, 247
Decimal	15933687
CIE Lab	58.79, 92.40, -58.96
CIE LCh	59, 109.607, 327.455
Yxy	26.8031, 0.3166, 0.1564
Android (android.graphics.Color)	4294123767 (0xFFFF320F7)
YUV	119.5990, 62.8087, 108.2227
Hunter-Lab	51.7717, 96.4698, -67.1901

Details

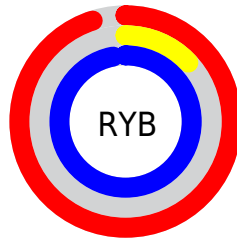
The Yxy color **26.8031, 0.3166, 0.1564** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **67.0094, 0.3011, 0.5890**, and the grayscale version is **18.4556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8489, 0.3190, 0.1956**, and **13.6628, 0.3104, 0.1484** is the 20% darker color. If you saturate the color by 10%, you get **25.8425, 0.3163, 0.1523**, and if you desaturate by 10%, it is **28.7573, 0.3168, 0.1646**.

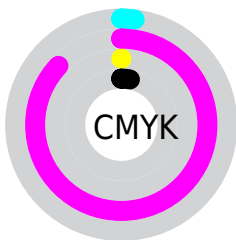
Distribution



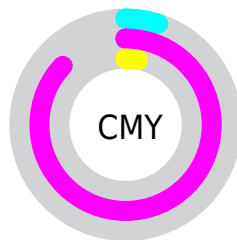
- Red (95%)
- Green (13%)
- Blue (97%)



- Red (95%)
- Yellow (13%)
- Blue (97%)



- Cyan (2%)
- Magenta (87%)
- Yellow (0%)
- Black (3%)





- Cyan (5%)
- Magenta (87%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8031, 0.3166, 0.1564 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 26.8031, 0.3166, 0.1564 by changing the saturation by 10% instead.


 26.8031, 0.3166,
0.1564


 26.8031, 0.3166,
0.1564


286.7025, 0.3198,
0.2332


 17.4254, 0.3145,
0.1404


 54.5677, 0.3188,
0.1820


 10.5383, 0.3112,
0.1216


 73.7235, 0.3193,
0.1922

 5.7573, 0.3059,
0.0996


 96.9073, 0.3197,
0.2012

 2.6981, 0.2971,
0.0741

 124.5037, 0.3199,
0.2092

 0.9762, 0.2823,
0.0458

 156.8971, 0.3199,
0.2162

 0.0000, 0.2609,
0.0000

194.4717, 0.3199,

 0.0000, 0.2099,

0.2225

0.0000

237.6120, 0.3199,
0.2281

■ 0.0000, 0.0139,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 26.8031, 0.3166,
0.1564

■ 26.8031, 0.3166,
0.1564

■ 25.8425, 0.3163,
0.1523

■ 28.7573, 0.3168,
0.1646

■ 25.6560, 0.3161,
0.1515

■ 31.8958, 0.3167,
0.1771

■ 36.3717, 0.3165,
0.1938

■ 42.3146, 0.3161,
0.2141

49.8389, 0.3156,
0.2369

59.0473, 0.3149,
0.2615

70.0342, 0.3141,
0.2868

82.8869, 0.3133,
0.3119

97.6869, 0.3125,
0.3362

Harmonies

Analogous

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



26.8031, 0.1762, 0.1198



26.8031, 0.3166, 0.1564



26.8031, 0.5076, 0.2221

Triad

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



26.8031, 0.3166, 0.1564



26.8031, 0.4985, 0.5015



26.8031, 0.0760, 0.2348

Complementary

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



26.8031, 0.3166, 0.1564



67.0094, 0.3011, 0.5890

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.



26.8031, 0.1220, 0.4457



26.8031, 0.3166, 0.1564



26.8031, 0.3606, 0.6327

Square

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



26.8031, 0.3166, 0.1564



26.8031, 0.6059, 0.3851



26.8031, 0.2272, 0.6583



26.8031, 0.0738, 0.1423

Rectangle

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



26.8031, 0.3166, 0.1564



26.8031, 0.6035, 0.2734



26.8031, 0.2272, 0.6583



26.8031, 0.0851, 0.2903

Sweetspot

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



26.8043, 0.3166, 0.1564



64.5102, 0.3148, 0.2639



8.4965, 0.1572, 0.0737



13.0140, 0.3151, 0.2552



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.



26.8043, 0.3166, 0.1564



27.5805, 0.3161, 0.1515



22.9146, 0.4566, 0.2371



16.7515, 0.3135, 0.3057



13.5753, 0.3162, 0.1516



1.1981, 0.3169, 0.1519

Inverse Universe

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



20.9448, 0.6144, 0.3282



21.2705, 0.6387, 0.3292



68.5125, 0.2723, 0.4902



16.4876, 0.3291, 0.3286



10.4656, 0.6381, 0.3289



0.9216, 0.6331, 0.3261

Previews

White Background



This preview shows how the Yxy color 26.8031, 0.3166, 0.1564 looks on a white background.

Color Contrast Check

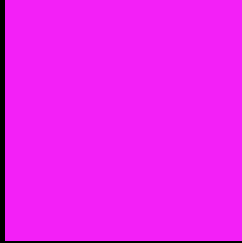
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8031, 0.3166, 0.1564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

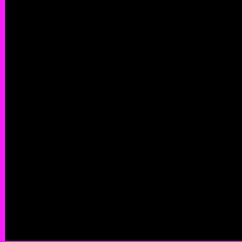
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8031, 0.3166, 0.1564

Background



This preview shows how black text looks on a background with the Yxy color 26.8031, 0.3166, 0.1564.



This preview shows how white text looks on a background with the Yxy color 26.8031, 0.3166, 0.1564.

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

26.8031, 0.3166, 0.1564

Protanopia

27.2360, 0.1966, 0.1744

Deuteranopia

27.1140, 0.2062, 0.1994



Tritanopia

26.5068, 0.4721, 0.3218

Trichromacy



Original Color

26.8031, 0.3166, 0.1564



Protanomaly

21.8053, 0.2215, 0.1459



Deuteranomaly

21.4266, 0.2302, 0.1574



Tritanomaly

24.8244, 0.4145, 0.2433

Monochromacy



Original Color

26.8031, 0.3166, 0.1564



Achromatopsia

18.7821, 0.3127, 0.3290



Achromatomaly

17.7320, 0.3167, 0.2169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8031, 0.3166, 0.1564 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(243, 32, 247)` looks like.

```
.text, #text, p{  
    color:rgb(243, 32, 247)  
}
```

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(243, 32, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 32, 247) }
```

Border

The CSS property to change the border of an element to Yxy 26.8031, 0.3166, 0.1564 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(243, 32, 247) }
```

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

```
.border{ border-color:rgb(243, 32, 247) }
```

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

Here you see how a box with a 4 pixel rgb(243, 32, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 32, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 32, 247);  
box-shadow:4px 4px 4px 4px rgb(243, 32,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8031, 0.3166, 0.1564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 32, 247) }
```

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

```
.background{ background-color: rgb(243, 32,  
247) }
```

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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