

Converting Colors

Yxy(26.1164, 0.3080, 0.1471)

Have a look what the booklet for
Yxy(26.1164, 0.3080, 0.1471)
contains.

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Color

Yxy(26.1190, 0.3079, 0.1471)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F201FF |
| RGB | 242, 1, 255 |
| RGB Percent | 95%, 0%, 100% |
| CMY | 0.0511, 0.9949, 0.0000 |
| CMYK | 0.05, 0.99, 0.00, 0.00 |
| HSL | 297°, 100%, 50% |
| HSV | 297°, 99%, 100% |
| XYZ | 54.6706, 26.1190, 96.7699 |
| YIQ | 102.0150, 62.1020, 130.0860 |

Conversions

Conversions Part 2

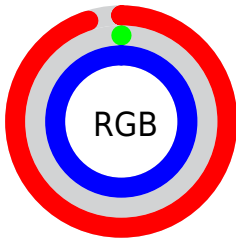
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 242, 1, 255 |
| Decimal | 15860223 |
| CIELab | 58.15, 96.21, -64.45 |
| CIELCh | 58, 115.801, 326.185 |
| Yxy | 26.1190, 0.3079, 0.1471 |
| Android (android.graphics.Color) | 4294050303 (0xFFFF201FF) |
| YUV | 102.0150, 75.4216, 122.7668 |
| Hunter-Lab | 51.1068, 101.5105, -76.4901 |

Details

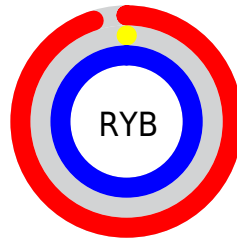
The Yxy color **26.1190, 0.3079, 0.1471** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **71.6190, 0.3008, 0.5991**, and the grayscale version is **13.1256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1805, 0.3192, 0.1900**, and **13.8550, 0.3005, 0.1429** is the 20% darker color. If you saturate the color by 10%, you get **26.0797, 0.3078, 0.1469**, and if you desaturate by 10%, it is **27.0992, 0.3092, 0.1510**.

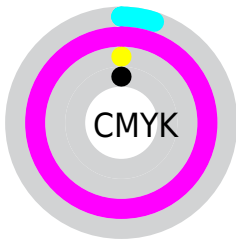
Distribution



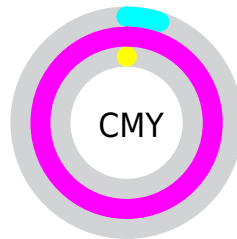
- Red (95%)
- Green (0%)
- Blue (100%)



- Red (95%)
- Yellow (0%)
- Blue (100%)



- Cyan (5%)
- Magenta (99%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (99%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1190, 0.3079, 0.1471 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 26.1190, 0.3079, 0.1471 by changing the saturation by 10% instead.


 26.1190, 0.3079,
0.1471

 26.1190, 0.3079,
0.1471


283.3658, 0.3161,
0.2269


 16.9127, 0.3045,
0.1308


 53.4669, 0.3120,
0.1734

 10.1723, 0.2996,
0.1119


 72.3772, 0.3132,
0.1840


 5.5133, 0.2922,
0.0901


 95.2910, 0.3141,
0.1934

 2.5515, 0.2808,
0.0653

 122.5927, 0.3148,
0.2017

 0.9023, 0.2627,
0.0388

 154.6666, 0.3152,
0.2090

 0.0000, 0.2364,
0.0000

191.8971, 0.3156,

 0.0000, 0.1844,

0.2156

0.0000

234.6687, 0.3159,
0.2215

■ 0.0000, 0.0222,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 26.1190, 0.3079,
0.1471

■ 26.1190, 0.3079,
0.1471

■ 26.0797, 0.3078,
0.1469

■ 27.0992, 0.3092,
0.1510

■ 29.0419, 0.3103,
0.1586

■ 32.2157, 0.3113,
0.1707

■ 36.7936, 0.3121,
0.1871

42.9208, 0.3126,
0.2072

50.7247, 0.3130,
0.2300

60.3193, 0.3132,
0.2547

71.8086, 0.3131,
0.2802

85.2887, 0.3130,
0.3056

Harmonies

Analogous

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



26.1190, 0.1653, 0.1115



26.1190, 0.3079, 0.1471



26.1190, 0.5108, 0.2129

Triad

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



26.1190, 0.3079, 0.1471



26.1190, 0.5052, 0.4948



26.1190, 0.0683, 0.2338

Complementary

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



26.1190, 0.3079, 0.1471



71.6190, 0.3008, 0.5991

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.



26.1190, 0.1150, 0.4649



26.1190, 0.3079, 0.1471



26.1190, 0.3604, 0.6396

Square

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



26.1190, 0.3079, 0.1471



26.1190, 0.6200, 0.3759



26.1190, 0.2227, 0.6862



26.1190, 0.0659, 0.1362

Rectangle

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



26.1190, 0.3079, 0.1471



26.1190, 0.6154, 0.2644



26.1190, 0.2227, 0.6862



26.1190, 0.0774, 0.2939

Sweetspot

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



26.1200, 0.3079, 0.1471



59.7824, 0.3132, 0.2534



7.6682, 0.1510, 0.0633



11.8905, 0.3131, 0.2429



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.



26.1200, 0.3079, 0.1471



26.0797, 0.3078, 0.1469



23.3347, 0.4704, 0.2367



18.2500, 0.3130, 0.3055



13.6479, 0.3081, 0.1471



1.3429, 0.3096, 0.1479

Inverse Universe

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



21.3210, 0.6357, 0.3279



21.2893, 0.6364, 0.3279



72.6814, 0.2792, 0.5250



18.0022, 0.3286, 0.3278



11.1303, 0.6349, 0.3271



1.0888, 0.6228, 0.3205

Previews

White Background



This preview shows how the Yxy color 26.1190, 0.3079, 0.1471 looks on a white background.

Color Contrast Check

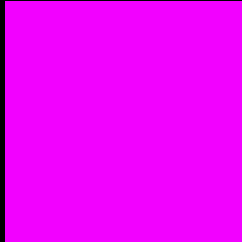
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1190, 0.3079, 0.1471 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 26.1190, 0.3079, 0.1471

Background



This preview shows how black text looks on a background with the Yxy color 26.1190, 0.3079, 0.1471.



This preview shows how white text looks on a background with the Yxy color 26.1190, 0.3079, 0.1471.

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

26.1190, 0.3079, 0.1471

Protanopia

26.8168, 0.1951, 0.1727

Deuteranopia

26.8662, 0.1973, 0.1908



Tritanopia

26.1834, 0.4701, 0.3217

Trichromacy



Original Color

26.1190, 0.3079, 0.1471



Protanomaly

19.6884, 0.2166, 0.1325



Deuteranomaly

18.9000, 0.2160, 0.1380



Tritanomaly

23.2289, 0.4102, 0.2312

Monochromacy



Original Color

26.1190, 0.3079, 0.1471



Achromatopsia

13.2868, 0.3127, 0.3290



Achromatomaly

13.0215, 0.3119, 0.1916

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1190, 0.3079, 0.1471 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(242, 1, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 1, 255)  
}
```

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(242, 1, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 1, 255) }
```

Border

The CSS property to change the border of an element to Yxy 26.1190, 0.3079, 0.1471 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(242, 1, 255) }
```

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

```
.border{ border-color:rgb(242, 1, 255) }
```

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

Here you see how a box with a 4 pixel rgb(242, 1, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 1, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 1, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 1,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1190, 0.3079, 0.1471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 1, 255) }
```

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

```
.background{ background-color: rgb(242, 1,  
255) }
```

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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