

Converting Colors

$Y_{xy}(29.0671, 0.3225, 0.1734)$

Have a look what the booklet for
Yxy(29.0671, 0.3225, 0.1734)
contains.

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Color

Yxy(28.9471, 0.3221, 0.1731)

Conversions

Conversions Part 1

Format	Color
Hex	F143EF
RGB	241, 67, 239
RGB Percent	95%, 26%, 94%
CMY	0.0549, 0.7372, 0.0627
CMYK	0.00, 0.72, 0.01, 0.05
HSL	301°, 86%, 60%
HSV	301°, 72%, 95%
XYZ	53.8640, 28.9471, 84.4165
YIQ	138.6340, 48.4920, 90.3800

Conversions

Conversions Part 2

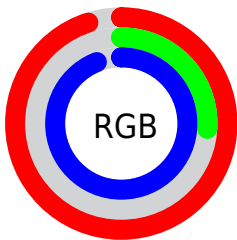
Format	Color
R _{YB}	241, 67, 239
Decimal	15811567
CIE _{Lab}	60.73, 83.01, -51.43
CIE _{LCh}	61, 97.655, 328.220
Y _{xy}	28.9471, 0.3221, 0.1731
Android (android.graphics.Color)	4294001647 (0xFFFF143EF)
YUV	138.6340, 49.4804, 89.7750
Hunter-Lab	53.8025, 84.5497, -55.3647

Details

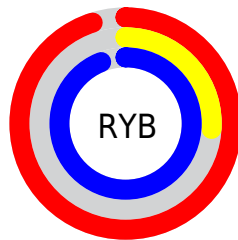
The Yxy color **28.9471, 0.3221, 0.1731** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **64.5350, 0.3014, 0.5581**, and the grayscale version is **25.4649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.7126, 0.3182, 0.2111**, and **13.2012, 0.3196, 0.1534** is the 20% darker color. If you saturate the color by 10%, you get **26.6381, 0.3229, 0.1633**, and if you desaturate by 10%, it is **32.4500, 0.3211, 0.1872**.

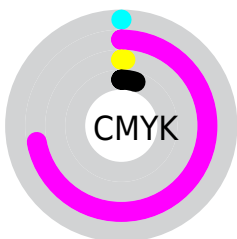
Distribution



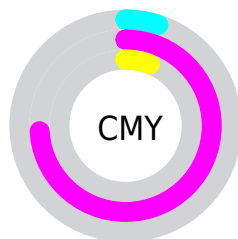
- Red (95%)
- Green (26%)
- Blue (94%)



- Red (95%)
- Yellow (26%)
- Blue (94%)



- Cyan (0%)
- Magenta (72%)
- Yellow (1%)
- Black (5%)




- Cyan (5%)
- Magenta (74%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9471, 0.3221, 0.1731 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 28.9471, 0.3221, 0.1731 by changing the saturation by 10% instead.


 28.9471, 0.3221,
0.1731


 28.9471, 0.3221,
0.1731


296.9653, 0.3215,
0.2437

 19.0408, 0.3212,
0.1579


 57.9930, 0.3227,
0.1970


 11.6998, 0.3194,
0.1398


 77.9015, 0.3227,
0.2064


 6.5396, 0.3162,
0.1181


 101.9127, 0.3226,
0.2147

 3.1759, 0.3104,
0.0922

 130.4112, 0.3225,
0.2219

 1.2242, 0.2996,
0.0619

 163.7813, 0.3223,
0.2283

 0.0814, 0.2850,
0.0082

202.4074, 0.3220,


 0.0000, 0.2387,

0.2340


0.0000

246.6739, 0.3218,
0.2391


 0.0000, 0.0000,
0.0000


 28.9471, 0.3221,
0.1731


 28.9471, 0.3221,
0.1731


 26.6381, 0.3229,
0.1633

 32.4500, 0.3211,
0.1872

 25.3602, 0.3235,
0.1578


 37.2744, 0.3199,
0.2053


 24.8884, 0.3238,
0.1558


 43.5362, 0.3186,
0.2264


 51.3374, 0.3172,
0.2498

 60.7707, 0.3158,
0.2744

 71.9217, 0.3144,
0.2993

 84.8698, 0.3130,
0.3237

 96.5851, 0.3119,
0.3426

 96.6016, 0.3118,
0.3423

Harmonies

Analogous

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



28.9471, 0.1927, 0.1370



28.9471, 0.3221, 0.1731



28.9471, 0.4881, 0.2364

Triad

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



28.9471, 0.3221, 0.1731



28.9471, 0.4899, 0.5015



28.9471, 0.0949, 0.2464

Complementary

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



28.9471, 0.3221, 0.1731



64.5350, 0.3014, 0.5581

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.



28.9471, 0.1417, 0.4258



28.9471, 0.3221, 0.1731



28.9471, 0.3665, 0.6054

Square

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



28.9471, 0.3221, 0.1731



28.9471, 0.5813, 0.3964



28.9471, 0.2423, 0.6068



28.9471, 0.0914, 0.1596

Rectangle

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



28.9471, 0.3221, 0.1731



28.9471, 0.5716, 0.2865



28.9471, 0.2423, 0.6068



28.9471, 0.1046, 0.2955

Sweetspot

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



28.9484, 0.3221, 0.1731



69.2395, 0.3157, 0.2747



11.5591, 0.1739, 0.0995



14.1538, 0.3161, 0.2679



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.



28.9484, 0.3221, 0.1731



29.4135, 0.3232, 0.1600



25.0491, 0.4315, 0.2450



16.0281, 0.3140, 0.3060



13.4976, 0.3238, 0.1557



1.1239, 0.3234, 0.1555

Inverse Universe

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



28.9484, 0.3221, 0.1731



29.4135, 0.3232, 0.1600



66.4386, 0.2688, 0.4509



16.0281, 0.3140, 0.3060



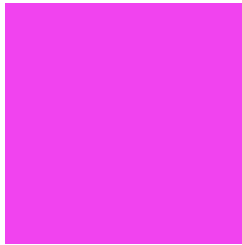
13.4976, 0.3238, 0.1557



1.1239, 0.3234, 0.1555

Previews

White Background



This preview shows how the Yxy color 28.9471, 0.3221, 0.1731 looks on a white background.

Color Contrast Check

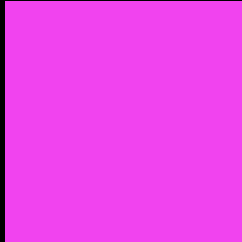
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9471, 0.3221, 0.1731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

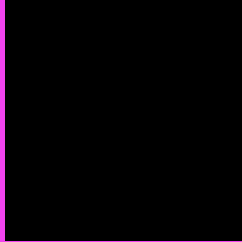
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9471, 0.3221, 0.1731

Background



This preview shows how black text looks on a background with the Yxy color 28.9471, 0.3221, 0.1731.



This preview shows how white text looks on a background with the Yxy color 28.9471, 0.3221, 0.1731.

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

28.9471, 0.3221, 0.1731

Protanopia

29.2978, 0.2031, 0.1826

Deuteranopia

29.1071, 0.2207, 0.2144



Tritanopia

28.5525, 0.4528, 0.3204

Trichromacy



Original Color

28.9471, 0.3221, 0.1731



Protanomaly

25.3969, 0.2309, 0.1655



Deuteranomaly

25.3621, 0.2469, 0.1836



Tritanomaly

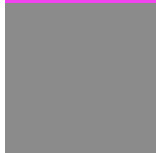
27.7344, 0.4040, 0.2563

Monochromacy



Original Color

28.9471, 0.3221, 0.1731



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.1355, 0.3179, 0.2432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9471, 0.3221, 0.1731 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(241, 67, 239)` looks like.

```
.text, #text, p{  
    color:rgb(241, 67, 239)  
}
```

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(241, 67, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 67, 239) }
```

Border

The CSS property to change the border of an element to Yxy 28.9471, 0.3221, 0.1731 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(241, 67, 239) }
```

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

```
.border{ border-color:rgb(241, 67, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 67, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 67, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 67, 239);  
box-shadow:4px 4px 4px 4px rgb(241, 67,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9471, 0.3221, 0.1731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 67, 239) }
```

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

```
.background{ background-color: rgb(241, 67,  
239) }
```

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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