

Converting Colors

$Y_{xy}(26.1456, 0.2991, 0.1490)$

Have a look what the booklet for
Yxy(26.1456, 0.2991, 0.1490)
contains.

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Color

Yxy(26.1295, 0.2989, 0.1489)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E929FF |
| RGB | 233, 41, 255 |
| RGB Percent | 91%, 16%, 100% |
| CMY | 0.0862, 0.8393, 0.0000 |
| CMYK | 0.09, 0.84, 0.00, 0.00 |
| HSL | 294°, 100%, 58% |
| HSV | 294°, 84%, 100% |
| XYZ | 52.4520, 26.1295, 96.9020 |
| YIQ | 122.8040, 45.7380, 107.2580 |

Conversions

Conversions Part 2

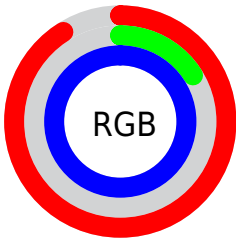
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 233, 41, 255 |
| Decimal | 15280639 |
| CIE _{Lab} | 58.16, 90.47, -64.52 |
| CIE _{LCh} | 58, 111.114, 324.505 |
| Y _{xy} | 26.1295, 0.2989, 0.1489 |
| Android (android.graphics.Color) | 4293470719 (0xFFE929FF) |
| YUV | 122.8040, 65.1726, 96.6419 |
| Hunter-Lab | 51.1170, 93.7070, -76.6135 |

Details

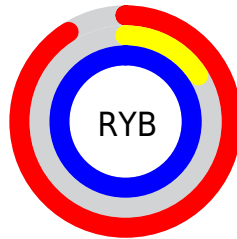
The Yxy color **26.1295, 0.2989, 0.1489** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **72.7352, 0.3055, 0.5816**, and the grayscale version is **19.5048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.5146, 0.3189, 0.1978**, and **12.8019, 0.2889, 0.1365** is the 20% darker color. If you saturate the color by 10%, you get **24.4631, 0.2963, 0.1422**, and if you desaturate by 10%, it is **28.9414, 0.3015, 0.1601**.

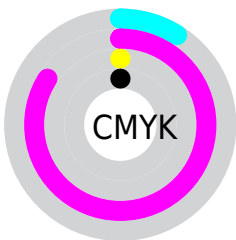
Distribution



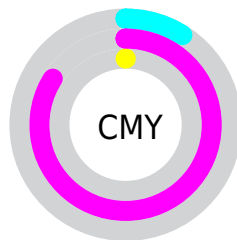
- Red (91%)
- Green (16%)
- Blue (100%)



- Red (91%)
- Yellow (16%)
- Blue (100%)



- Cyan (9%)
- Magenta (84%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (84%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1295, 0.2989, 0.1489 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 26.1295, 0.2989, 0.1489 by changing the saturation by 10% instead.


 26.1295, 0.2989,
0.1489


 26.1295, 0.2989,
0.1489


283.4172, 0.3114,
0.2283


 16.9205, 0.2945,
0.1326

 53.4838, 0.3045,
0.1752

 10.1779, 0.2884,
0.1136


 72.3979, 0.3063,
0.1858


 5.5170, 0.2796,
0.0916


 95.3159, 0.3077,
0.1951

 2.5537, 0.2663,
0.0666

 122.6221, 0.3088,
0.2033

 0.9035, 0.2458,
0.0396

 154.7009, 0.3096,
0.2106

 0.0000, 0.2164,
0.0000

191.9368, 0.3103,


 0.0000, 0.1619,


0.2172


0.0000


234.7141, 0.3109,
0.2230

 0.0000, 0.0000,
0.0000


 26.1295, 0.2989,
0.1489

 26.1295, 0.2989,
0.1489


 24.4631, 0.2963,
0.1422


 28.9414, 0.3015,
0.1601


 23.8457, 0.2947,
0.1397

 33.0896, 0.3039,
0.1757


 38.7302, 0.3061,
0.1953

 45.9977, 0.3080,
0.2179

 55.0115, 0.3096,
0.2426

 65.8799, 0.3108,
0.2684

 78.7023, 0.3118,
0.2942

 93.5710, 0.3125,
0.3194

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



26.1295, 0.1641, 0.1153



26.1295, 0.2989, 0.1489



26.1295, 0.4930, 0.2127

Triad

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



26.1295, 0.2989, 0.1489



26.1295, 0.5119, 0.4881



26.1295, 0.0751, 0.2472

Complementary

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



26.1295, 0.2989, 0.1489



72.7352, 0.3055, 0.5816

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.



26.1295, 0.1263, 0.4751



26.1295, 0.2989, 0.1489



26.1295, 0.3733, 0.6267

Square

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



26.1295, 0.2989, 0.1489



26.1295, 0.6165, 0.3737



26.1295, 0.2363, 0.6744



26.1295, 0.0700, 0.1448

Rectangle

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



26.1295, 0.2989, 0.1489



26.1295, 0.5986, 0.2638



26.1295, 0.2363, 0.6744



26.1295, 0.0856, 0.3083

Sweetspot

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



26.1294, 0.2989, 0.1489



64.6297, 0.3107, 0.2656



11.5801, 0.1631, 0.0903



12.9850, 0.3103, 0.2565



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.



26.1294, 0.2989, 0.1489



23.8457, 0.2947, 0.1397



25.8591, 0.4225, 0.2204



18.2000, 0.3121, 0.3055



12.4984, 0.2951, 0.1399



1.2431, 0.2982, 0.1417

Inverse Universe

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



23.2021, 0.5877, 0.3177



21.3355, 0.6307, 0.3248



73.4212, 0.2786, 0.5082



18.0174, 0.3278, 0.3266



11.1581, 0.6284, 0.3235



1.0960, 0.6067, 0.3116

Previews

White Background



This preview shows how the Yxy color 26.1295, 0.2989, 0.1489 looks on a white background.

Color Contrast Check

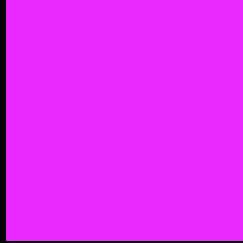
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1295, 0.2989, 0.1489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

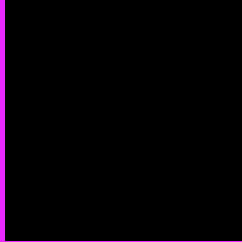
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1295, 0.2989, 0.1489

Background



This preview shows how black text looks on a background with the Yxy color 26.1295, 0.2989, 0.1489.



This preview shows how white text looks on a background with the Yxy color 26.1295, 0.2989, 0.1489.

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

26.1295, 0.2989, 0.1489

Protanopia

26.4480, 0.1941, 0.1711

Deuteranopia

26.4574, 0.1950, 0.1879



Tritanopia

25.8943, 0.4491, 0.3199

Trichromacy



Original Color

26.1295, 0.2989, 0.1489



Protanomaly

21.5957, 0.2152, 0.1428



Deuteranomaly

21.1169, 0.2139, 0.1498



Tritanomaly

24.2808, 0.3900, 0.2371

Monochromacy



Original Color

26.1295, 0.2989, 0.1489



Achromatopsia

19.8069, 0.3127, 0.3290



Achromatomaly

18.5555, 0.3079, 0.2167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1295, 0.2989, 0.1489 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(233, 41, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 41, 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(233, 41, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 41, 255) }
```

Border

The CSS property to change the border of an element to Yxy 26.1295, 0.2989, 0.1489 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(233, 41, 255) }
```

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

```
.border{ border-color:rgb(233, 41, 255) }
```

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

Here you see how a box with a 4 pixel rgb(233, 41, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 41, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 41, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 41,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1295, 0.2989, 0.1489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 41, 255) }
```

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

```
.background{ background-color: rgb(233, 41,  
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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