

Converting Colors

Yxy(26.1219, 0.2942, 0.1498)

Have a look what the booklet for
Yxy(26.1219, 0.2942, 0.1498)
contains.

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Color

Yxy(26.0816, 0.2940, 0.1497)

Conversions

Conversions Part 1

Format	Color
Hex	E433FF
RGB	228, 51, 255
RGB Percent	89%, 20%, 100%
CMY	0.1059, 0.7998, 0.0001
CMYK	0.11, 0.80, 0.00, 0.00
HSL	292°, 100%, 60%
HSV	292°, 80%, 100%
XYZ	51.2224, 26.0816, 96.9218
YIQ	127.1790, 40.0080, 100.9680

Conversions

Conversions Part 2

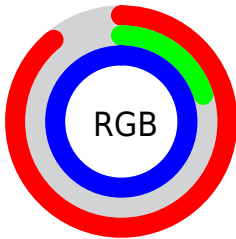
Format	Color
R _Y B	228, 51, 255
Decimal	14955519
CIE Lab	58.11, 87.43, -64.61
CIE LCh	58, 108.712, 323.538
Yxy	26.0816, 0.2940, 0.1497
Android (android.graphics.Color)	4293145599 (0xFFE433FF)
YUV	127.1790, 63.0158, 88.4200
Hunter-Lab	51.0701, 89.6593, -76.7725

Details

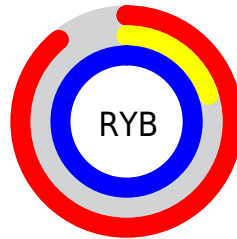
The Yxy color **26.0816, 0.2940, 0.1497** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **73.3656, 0.3084, 0.5728**, and the grayscale version is **21.0660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.6737, 0.3187, 0.2016**, and **12.3560, 0.2838, 0.1337** is the 20% darker color. If you saturate the color by 10%, you get **23.8832, 0.2905, 0.1406**, and if you desaturate by 10%, it is **29.5127, 0.2974, 0.1633**.

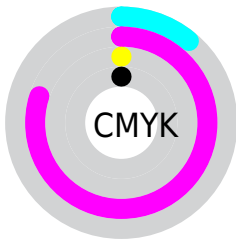
Distribution



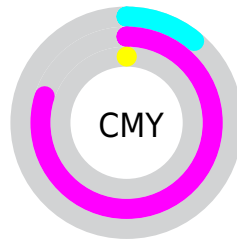
- Red (89%)
- Green (20%)
- Blue (100%)



- Red (89%)
- Yellow (20%)
- Blue (100%)



- Cyan (11%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0816, 0.2940, 0.1497 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 26.0816, 0.2940, 0.1497 by changing the saturation by 10% instead.


 26.0816, 0.2940,
0.1497


 26.0816, 0.2940,
0.1497


283.1824, 0.3088,
0.2290


 16.8847, 0.2891,
0.1333

 53.4066, 0.3004,
0.1760

 10.1523, 0.2823,
0.1143


 72.3034, 0.3025,
0.1866

 5.5001, 0.2727,
0.0922


 95.2023, 0.3042,
0.1959

 2.5435, 0.2584,
0.0670

 122.4878, 0.3055,
0.2041

 0.8984, 0.2366,
0.0399

 154.5441, 0.3066,
0.2114

 0.0000, 0.2056,
0.0000

191.7557, 0.3075,


 0.0000, 0.1499,


0.2179

0.0000


234.5070, 0.3082,
0.2238


 0.0000, 0.0000,
0.0000

 26.0816, 0.2940,
0.1497

 26.0816, 0.2940,
0.1497

 23.8832, 0.2905,
0.1406


 29.5127, 0.2974,
0.1633


 22.6295, 0.2871,
0.1355

 34.3479, 0.3006,
0.1812


 22.6271, 0.2871,
0.1355

 40.7347, 0.3035,
0.2027

 48.8011, 0.3061,
0.2267

 58.6618, 0.3083,
0.2523

 70.4213, 0.3102,
0.2784

 84.1760, 0.3116,
0.3042

99.9954, 0.3127,
0.3290

99.9985, 0.3127,
0.3290

Harmonies

Analogous

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



26.0816, 0.1632, 0.1172



26.0816, 0.2940, 0.1497



26.0816, 0.4835, 0.2123

Triad

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



26.0816, 0.2940, 0.1497



26.0816, 0.5155, 0.4845



26.0816, 0.0788, 0.2546

Complementary

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



26.0816, 0.2940, 0.1497



73.3656, 0.3084, 0.5728

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.



26.0816, 0.1324, 0.4806



26.0816, 0.2940, 0.1497



26.0816, 0.3798, 0.6193

Square

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



26.0816, 0.2940, 0.1497



26.0816, 0.6149, 0.3723



26.0816, 0.2435, 0.6686



26.0816, 0.0722, 0.1496

Rectangle

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



26.0816, 0.2940, 0.1497



26.0816, 0.5896, 0.2632



26.0816, 0.2435, 0.6686



26.0816, 0.0901, 0.3162

Sweetspot

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



26.0827, 0.2940, 0.1497



65.4707, 0.3095, 0.2679



13.4067, 0.1684, 0.1019



13.1286, 0.3088, 0.2586



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.



26.0827, 0.2940, 0.1497



23.0664, 0.2884, 0.1373



26.9312, 0.4106, 0.2182



18.1713, 0.3117, 0.3054



11.8731, 0.2876, 0.1358



1.1884, 0.2917, 0.1380

Inverse Universe

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



24.1783, 0.5647, 0.3118



21.6529, 0.6175, 0.3200



73.7118, 0.2793, 0.5037



18.0262, 0.3273, 0.3259



11.1803, 0.6233, 0.3207



1.1001, 0.5980, 0.3068

Previews

White Background



This preview shows how the Yxy color 26.0816, 0.2940, 0.1497 looks on a white background.

Color Contrast Check

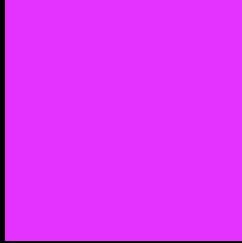
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0816, 0.2940, 0.1497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

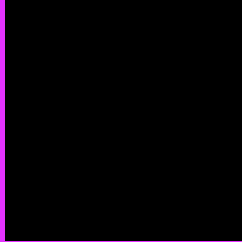
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0816, 0.2940, 0.1497

Background



This preview shows how black text looks on a background with the Yxy color 26.0816, 0.2940, 0.1497.



This preview shows how white text looks on a background with the Yxy color 26.0816, 0.2940, 0.1497.

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

26.0816, 0.2940, 0.1497

Protanopia

26.4480, 0.1941, 0.1711

Deuteranopia

26.3927, 0.1944, 0.1877



Tritanopia

25.6877, 0.4364, 0.3194

Trichromacy



Original Color

26.0816, 0.2940, 0.1497



Protanomaly

22.3097, 0.2152, 0.1465



Deuteranomaly

21.5165, 0.2125, 0.1523



Tritanomaly

24.3581, 0.3802, 0.2375

Monochromacy



Original Color

26.0816, 0.2940, 0.1497



Achromatopsia

21.2231, 0.3127, 0.3290



Achromatomaly

19.8722, 0.3055, 0.2215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0816, 0.2940, 0.1497 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(228, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 51, 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(228, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 51, 255) }
```

Border

The CSS property to change the border of an element to Yxy 26.0816, 0.2940, 0.1497 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(228, 51, 255) }
```

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

```
.border{ border-color:rgb(228, 51, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 51,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0816, 0.2940, 0.1497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 51, 255) }
```

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

```
.background{ background-color: rgb(228, 51,  
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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