

Converting Colors

Yxy(26.3820, 0.2841, 0.1529)

Have a look what the booklet for
Yxy(26.3820, 0.2841, 0.1529)
contains.

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Color

Yxy(26.3817, 0.2844, 0.1529)

Conversions

Conversions Part 1

Format	Color
Hex	DA45FF
RGB	218, 69, 255
RGB Percent	85%, 27%, 100%
CMY	0.1454, 0.7290, 0.0001
CMYK	0.15, 0.73, 0.00, 0.00
HSL	288°, 100%, 64%
HSV	288°, 73%, 100%
XYZ	49.0710, 26.3817, 97.0895
YIQ	134.7550, 29.0980, 89.4340

Conversions

Conversions Part 2

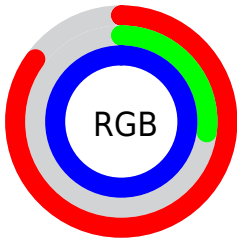
Format	Color
R _Y B	218, 69, 255
Decimal	14304767
CIE _{Lab}	58.40, 80.43, -64.23
CIE _{LCh}	58, 102.931, 321.391
Y _{xy}	26.3817, 0.2844, 0.1529
Android (android.graphics.Color)	4292494847 (0xFFDA45FF)
Y _{UV}	134.7550, 59.2808, 73.0059
Hunter-Lab	51.3631, 80.6488, -76.1191

Details

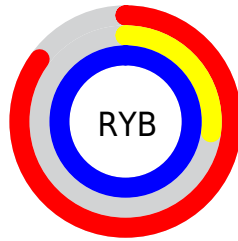
The Yxy color **26.3817, 0.2844, 0.1529** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **75.0073, 0.3154, 0.5529**, and the grayscale version is **23.9184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.4453, 0.3183, 0.2103**, and **11.3003, 0.2710, 0.1267** is the 20% darker color. If you saturate the color by 10%, you get **23.1141, 0.2790, 0.1392**, and if you desaturate by 10%, it is **31.0224, 0.2897, 0.1711**.

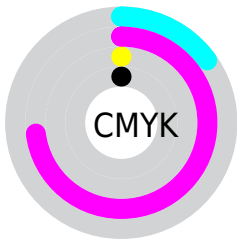
Distribution



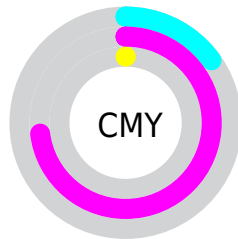
- Red (85%)
- Green (27%)
- Blue (100%)



- Red (85%)
- Yellow (27%)
- Blue (100%)



- Cyan (15%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3817, 0.2844, 0.1529 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 26.3817, 0.2844, 0.1529 by changing the saturation by 10% instead.


 26.3817, 0.2844,
0.1529


 26.3817, 0.2844,
0.1529


284.6508, 0.3036,
0.2314


 17.1094, 0.2785,
0.1366


 53.8901, 0.2923,
0.1790


 10.3125, 0.2706,
0.1175


 72.8950, 0.2950,
0.1895


 5.6067, 0.2595,
0.0953


 95.9128, 0.2972,
0.1987

 2.6074, 0.2434,
0.0698

 123.3281, 0.2990,
0.2068

 0.9304, 0.2196,
0.0420

 155.5251, 0.3005,
0.2140

 0.0000, 0.1862,
0.0000

192.8883, 0.3017,

 0.0000, 0.1284,

0.2204

0.0000

235.8021, 0.3028,
0.2262

■ 0.0000, 0.0000,
0.0000

■ 26.3817, 0.2844,
0.1529

■ 26.3817, 0.2844,
0.1529

■ 23.1141, 0.2790,
0.1392

■ 31.0224, 0.2897,
0.1711

■ 21.0302, 0.2737,
0.1302

■ 37.1865, 0.2947,
0.1929

■ 20.0767, 0.2699,
0.1261

■ 45.0080, 0.2992,
0.2175

■ 54.6050, 0.3033,
0.2436

■ 66.0850, 0.3068,
0.2703

 79.5467, 0.3097,
0.2966

 95.0821, 0.3121,
0.3219

99.9982, 0.3127,
0.3290

Harmonies

Analogous

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



26.3817, 0.1629, 0.1230



26.3817, 0.2844, 0.1529



26.3817, 0.4620, 0.2126

Triad

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



26.3817, 0.2844, 0.1529



26.3817, 0.5225, 0.4775



26.3817, 0.0890, 0.2718

Complementary

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



26.3817, 0.2844, 0.1529



75.0073, 0.3154, 0.5529

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.



26.3817, 0.1479, 0.4892



26.3817, 0.2844, 0.1529



26.3817, 0.3924, 0.5999

Square

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



26.3817, 0.2844, 0.1529



26.3817, 0.6087, 0.3704



26.3817, 0.2603, 0.6514



26.3817, 0.0787, 0.1619

Rectangle

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



26.3817, 0.2844, 0.1529



26.3817, 0.5671, 0.2626



26.3817, 0.2603, 0.6514



26.3817, 0.1020, 0.3335

Sweetspot

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



26.3828, 0.2844, 0.1529



67.2214, 0.3071, 0.2727



18.8550, 0.1817, 0.1333



13.6704, 0.3062, 0.2655



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.



26.3828, 0.2844, 0.1529



22.1324, 0.2768, 0.1349



29.6587, 0.3824, 0.2112



18.1068, 0.3106, 0.3054



10.5575, 0.2708, 0.1265



1.0723, 0.2768, 0.1298

Inverse Universe

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



26.5692, 0.5170, 0.2988



22.8971, 0.5731, 0.3042



74.2490, 0.2838, 0.5029



18.0463, 0.3263, 0.3243



11.2495, 0.6082, 0.3124



1.1099, 0.5784, 0.2960

Previews

White Background



This preview shows how the Yxy color 26.3817, 0.2844, 0.1529 looks on a white background.

Color Contrast Check

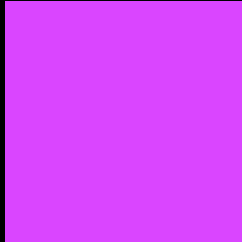
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3817, 0.2844, 0.1529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

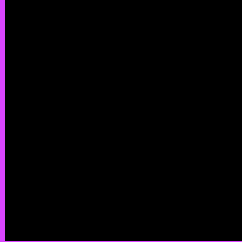
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3817, 0.2844, 0.1529

Background



This preview shows how black text looks on a background with the Yxy color 26.3817, 0.2844, 0.1529.



This preview shows how white text looks on a background with the Yxy color 26.3817, 0.2844, 0.1529.

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

26.3817, 0.2844, 0.1529

Protanopia

26.8168, 0.1951, 0.1727

Deuteranopia

26.7777, 0.1938, 0.1873



Tritanopia

26.2254, 0.4096, 0.3187

Trichromacy



Original Color

26.3817, 0.2844, 0.1529



Protanomaly

23.5542, 0.2146, 0.1529



Deuteranomaly

22.7588, 0.2104, 0.1583



Tritanomaly

25.1676, 0.3595, 0.2404

Monochromacy



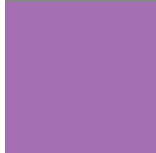
Original Color

26.3817, 0.2844, 0.1529



Achromatopsia

24.2281, 0.3127, 0.3290



Achromatomaly

22.6229, 0.3011, 0.2322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3817, 0.2844, 0.1529 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(218, 69, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 69, 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(218, 69, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 69, 255) }
```

Border

The CSS property to change the border of an element to Yxy 26.3817, 0.2844, 0.1529 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(218, 69, 255) }
```

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

```
.border{ border-color:rgb(218, 69, 255) }
```

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

Here you see how a box with a 4 pixel rgb(218, 69, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 69, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 69, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 69,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3817, 0.2844, 0.1529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 69, 255) }
```

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

```
.background{ background-color: rgb(218, 69,  
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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