

Converting Colors

Yxy(28.0528, 0.2821, 0.1605)

Have a look what the booklet for
Yxy(28.0528, 0.2821, 0.1605)
contains.

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Color

Yxy(28.0077, 0.2819, 0.1603)

Conversions

Conversions Part 1

Format	Color
Hex	D754FF
RGB	215, 84, 255
RGB Percent	84%, 33%, 100%
CMY	0.1568, 0.6707, 0.0000
CMYK	0.16, 0.67, 0.00, 0.00
HSL	286°, 100%, 66%
HSV	286°, 67%, 100%
XYZ	49.2537, 28.0077, 97.4591
YIQ	142.6630, 23.1850, 80.9530

Conversions

Conversions Part 2

Format	Color
R _Y B	215, 84, 255
Decimal	14111999
CIE Lab	59.90, 74.47, -61.89
CIE LCh	60, 96.833, 320.272
Yxy	28.0077, 0.2819, 0.1603
Android (android.graphics.Color)	4292302079 (0xFFD754FF)
YUV	142.6630, 55.3821, 63.4395
Hunter-Lab	52.9223, 73.5123, -72.1399

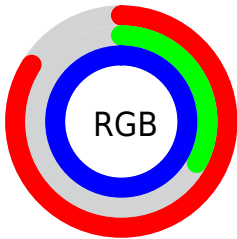
Details

The Yxy color **28.0077, 0.2819, 0.1603** is a light color, and the websafe version is hex **CC66FF**.

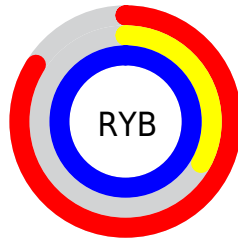
The color can be described as light muted magenta. A complement of this color would be **76.4415, 0.3197, 0.5352**, and the grayscale version is **27.0906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8260, 0.3178, 0.2204**, and **11.1860, 0.2685, 0.1260** is the 20% darker color. If you saturate the color by 10%, you get **23.8570, 0.2756, 0.1432**, and if you desaturate by 10%, it is **33.6268, 0.2881, 0.1815**.

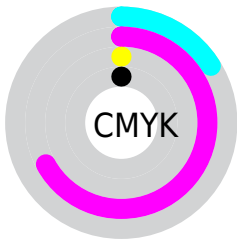
Distribution



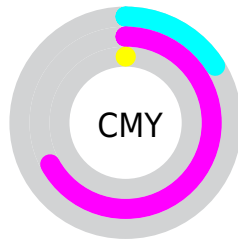
- Red (84%)
- Green (33%)
- Blue (100%)



- Red (84%)
- Yellow (33%)
- Blue (100%)



- Cyan (16%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (67%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0077, 0.2819, 0.1603 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 28.0077, 0.2819, 0.1603 by changing the saturation by 10% instead.


 28.0077, 0.2819,
0.1603


 28.0077, 0.2819,
0.1603


292.5037, 0.3018,
0.2359


 18.3315, 0.2760,
0.1444


 56.4967, 0.2899,
0.1856

 11.1882, 0.2681,
0.1257


 76.0783, 0.2927,
0.1957

 6.1936, 0.2571,
0.1037


 99.7305, 0.2950,
0.2046

 2.9631, 0.2414,
0.0781

 127.8376, 0.2969,
0.2124

 1.1125, 0.2181,
0.0495

160.7841, 0.2984,
0.2193

 0.0000, 0.1866,
0.0000

198.9544, 0.2997,

 0.0000, 0.1291,

0.2254

0.0000


242.7328, 0.3009,
0.2309


 0.0000, 0.0000,
0.0000


 28.0077, 0.2819,
0.1603


 28.0077, 0.2819,
0.1603


 23.8570, 0.2756,
0.1432


 33.6268, 0.2881,
0.1815

 21.0156, 0.2692,
0.1308


 40.8610, 0.2938,
0.2057


 19.2701, 0.2630,
0.1230

 49.8324, 0.2990,
0.2318

 18.8732, 0.2612,
0.1213

 60.6527, 0.3036,
0.2588

 73.4241, 0.3075,
0.2856

 88.2415, 0.3108,
0.3115

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.



28.0077, 0.1683, 0.1321



28.0077, 0.2819, 0.1603



28.0077, 0.4454, 0.2174

Triad

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



28.0077, 0.2819, 0.1603



28.0077, 0.5191, 0.4717



28.0077, 0.1018, 0.2843

Complementary

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



28.0077, 0.2819, 0.1603



76.4415, 0.3197, 0.5352

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.



28.0077, 0.1634, 0.4838



28.0077, 0.2819, 0.1603



28.0077, 0.3999, 0.5821

Square

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



28.0077, 0.2819, 0.1603



28.0077, 0.5952, 0.3724



28.0077, 0.2742, 0.6261



28.0077, 0.0887, 0.1750

Rectangle

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



28.0077, 0.2819, 0.1603



28.0077, 0.5445, 0.2661



28.0077, 0.2742, 0.6261



28.0077, 0.1160, 0.3427

Sweetspot

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



28.0057, 0.2819, 0.1603



69.4741, 0.3064, 0.2778



24.2123, 0.1935, 0.1601



14.0942, 0.3053, 0.2703



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.



28.0057, 0.2819, 0.1603



22.8973, 0.2737, 0.1391



32.3620, 0.3648, 0.2096



18.0738, 0.3100, 0.3053



9.9330, 0.2622, 0.1218



1.0165, 0.2692, 0.1257

Inverse Universe

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



29.0504, 0.4842, 0.2928



24.5227, 0.5362, 0.2944



74.9288, 0.2876, 0.4984



18.0567, 0.3257, 0.3235



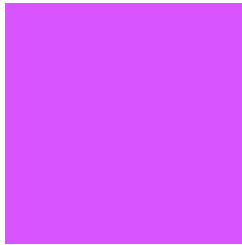
11.2961, 0.5985, 0.3071



1.1158, 0.5675, 0.2900

Previews

White Background



This preview shows how the Yxy color 28.0077, 0.2819, 0.1603 looks on a white background.

Color Contrast Check

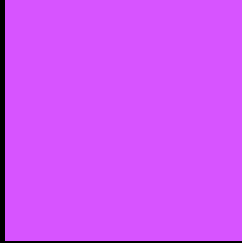
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0077, 0.2819, 0.1603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

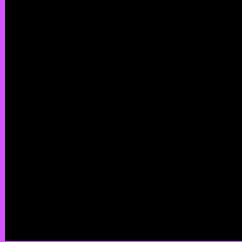
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0077, 0.2819, 0.1603

Background



This preview shows how black text looks on a background with the Yxy color 28.0077, 0.2819, 0.1603.



This preview shows how white text looks on a background with the Yxy color 28.0077, 0.2819, 0.1603.

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

28.0077, 0.2819, 0.1603

Protanopia

28.4434, 0.2004, 0.1793

Deuteranopia

28.5453, 0.1995, 0.1935



Tritanopia

27.8376, 0.3935, 0.3172

Trichromacy



Original Color

28.0077, 0.2819, 0.1603



Protanomaly

25.8038, 0.2195, 0.1630



Deuteranomaly

25.3032, 0.2169, 0.1690



Tritanomaly

26.9490, 0.3481, 0.2449

Monochromacy



Original Color

28.0077, 0.2819, 0.1603



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

25.8148, 0.3004, 0.2425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0077, 0.2819, 0.1603 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(215, 84, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 84, 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(215, 84, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 84, 255) }
```

Border

The CSS property to change the border of an element to Yxy 28.0077, 0.2819, 0.1603 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(215, 84, 255) }
```

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

```
.border{ border-color:rgb(215, 84, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 84, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 84, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 84, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 84,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0077, 0.2819, 0.1603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 84, 255) }
```

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

```
.background{ background-color: rgb(215, 84,  
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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