

Converting Colors

$Y_{xy}(26.6065, 0.2873, 0.1533)$

Have a look what the booklet for
Yxy(26.6065, 0.2873, 0.1533)
contains.

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Color

Yxy(26.6065, 0.2873, 0.1533)

Conversions

Conversions Part 1

Format	Color
Hex	DD43FF
RGB	221, 67, 255
RGB Percent	87%, 26%, 100%
CMY	0.1335, 0.7370, 0.0001
CMYK	0.13, 0.74, 0.00, 0.00
HSL	289°, 100%, 63%
HSV	289°, 74%, 100%
XYZ	49.8633, 26.6065, 97.0886
YIQ	134.4780, 31.4360, 91.1160

Conversions

Conversions Part 2

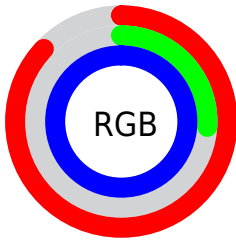
Format	Color
R _Y B	221, 67, 255
Decimal	14500863
CIE Lab	58.61, 81.67, -63.87
CIE LCh	59, 103.678, 321.975
Yxy	26.6065, 0.2873, 0.1533
Android (android.graphics.Color)	4292690943 (0xFFDD43FF)
YUV	134.4780, 59.4173, 75.8798
Hunter-Lab	51.5815, 82.2866, -75.4908

Details

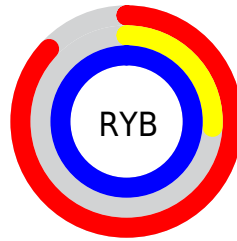
The Yxy color **26.6065, 0.2873, 0.1533** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **74.6775, 0.3137, 0.5559**, and the grayscale version is **23.8047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.1805, 0.3183, 0.2095**, and **11.6083, 0.2749, 0.1288** is the 20% darker color. If you saturate the color by 10%, you get **23.4964, 0.2824, 0.1404**, and if you desaturate by 10%, it is **31.0722, 0.2920, 0.1707**.

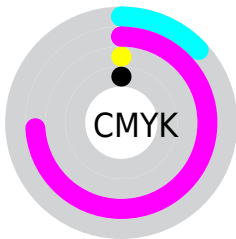
Distribution



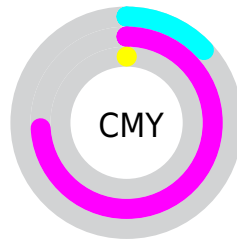
- Red (87%)
- Green (26%)
- Blue (100%)



- Red (87%)
- Yellow (26%)
- Blue (100%)



- Cyan (13%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (74%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6065, 0.2873, 0.1533 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 26.6065, 0.2873, 0.1533 by changing the saturation by 10% instead.


 26.6065, 0.2873,
0.1533


 26.6065, 0.2873,
0.1533


285.7468, 0.3051,
0.2315


 17.2779, 0.2818,
0.1371


 54.2518, 0.2947,
0.1793


 10.4328, 0.2742,
0.1181


 73.3373, 0.2972,
0.1898

 5.6869, 0.2637,
0.0959


 96.4438, 0.2992,
0.1989

 2.6556, 0.2483,
0.0705

 123.9559, 0.3009,
0.2070

 0.9547, 0.2253,
0.0428

 156.2578, 0.3022,
0.2142

 0.0000, 0.1931,
0.0000

193.7340, 0.3033,


 0.0000, 0.1363,

0.2206


0.0000

236.7689, 0.3043,
0.2263

 0.0000, 0.0000,
0.0000

 26.6065, 0.2873,
0.1533

 26.6065, 0.2873,
0.1533


 23.4964, 0.2824,
0.1404


 31.0722, 0.2920,
0.1707


 21.5488, 0.2776,
0.1320

 37.0457, 0.2965,
0.1920

 20.7479, 0.2746,
0.1286

 44.6621, 0.3006,
0.2160

 54.0409, 0.3042,
0.2418

 65.2899, 0.3073,
0.2683

78.5087, 0.3099,
0.2946

93.7895, 0.3121,
0.3200

99.9980, 0.3127,
0.3290

Harmonies

Analogous

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



26.6065, 0.1642, 0.1227



26.6065, 0.2873, 0.1533



26.6065, 0.4661, 0.2136

Triad

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



26.6065, 0.2873, 0.1533



26.6065, 0.5203, 0.4797



26.6065, 0.0878, 0.2682

Complementary

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



26.6065, 0.2873, 0.1533



74.6775, 0.3137, 0.5559

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.



26.6065, 0.1455, 0.4852



26.6065, 0.2873, 0.1533



26.6065, 0.3895, 0.6027

Square

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



26.6065, 0.2873, 0.1533



26.6065, 0.6085, 0.3718



26.6065, 0.2573, 0.6520



26.6065, 0.0783, 0.1601

Rectangle

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



26.6065, 0.2873, 0.1533



26.6065, 0.5705, 0.2637



26.6065, 0.2573, 0.6520



26.6065, 0.1004, 0.3293

Sweetspot

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



26.6076, 0.2873, 0.1533



67.4059, 0.3078, 0.2728



17.8227, 0.1796, 0.1277



13.7144, 0.3071, 0.2656



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.



26.6076, 0.2873, 0.1533



22.5340, 0.2803, 0.1362



29.2385, 0.3875, 0.2132



18.1244, 0.3109, 0.3054



10.9044, 0.2754, 0.1291



1.1030, 0.2809, 0.1321

Inverse Universe

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



26.2183, 0.5253, 0.3021



22.6769, 0.5820, 0.3079



74.2173, 0.2827, 0.5010



18.0407, 0.3266, 0.3247



11.2279, 0.6128, 0.3149



1.1071, 0.5840, 0.2991

Previews

White Background



This preview shows how the Yxy color 26.6065, 0.2873, 0.1533 looks on a white background.

Color Contrast Check

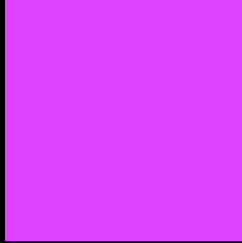
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6065, 0.2873, 0.1533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

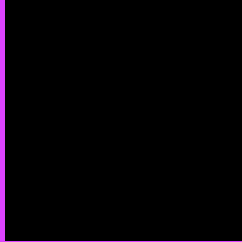
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6065, 0.2873, 0.1533

Background



This preview shows how black text looks on a background with the Yxy color 26.6065, 0.2873, 0.1533.



This preview shows how white text looks on a background with the Yxy color 26.6065, 0.2873, 0.1533.

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

26.6065, 0.2873, 0.1533

Protanopia

26.8607, 0.1955, 0.1728

Deuteranopia

27.1125, 0.1954, 0.1899



Tritanopia

26.3880, 0.4149, 0.3189

Trichromacy



Original Color

26.6065, 0.2873, 0.1533



Protanomaly

23.7139, 0.2159, 0.1535



Deuteranomaly

22.9699, 0.2123, 0.1590



Tritanomaly

25.3773, 0.3644, 0.2415

Monochromacy



Original Color

26.6065, 0.2873, 0.1533



Achromatopsia

24.2281, 0.3127, 0.3290



Achromatomaly

22.5135, 0.3023, 0.2312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6065, 0.2873, 0.1533 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(221, 67, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 67, 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(221, 67, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 67, 255) }
```

Border

The CSS property to change the border of an element to Yxy 26.6065, 0.2873, 0.1533 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(221, 67, 255) }
```

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

```
.border{ border-color:rgb(221, 67, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 67, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 67, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 67, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 67,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6065, 0.2873, 0.1533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 67, 255) }
```

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

```
.background{ background-color: rgb(221, 67,  
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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