

Converting Colors

$Y_{xy}(26.6369, 0.3168, 0.1886)$

Have a look what the booklet for
Yxy(26.6369, 0.3168, 0.1886)
contains.

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Color

Yxy(26.6826, 0.3171, 0.1888)

Conversions

Conversions Part 1

Format	Color
Hex	D957DB
RGB	217, 87, 219
RGB Percent	85%, 34%, 86%
CMY	0.1490, 0.6589, 0.1410
CMYK	0.01, 0.60, 0.00, 0.14
HSL	299°, 65%, 60%
HSV	299°, 60%, 86%
XYZ	44.8149, 26.6826, 69.8298
YIQ	140.9180, 35.1080, 68.6120

Conversions

Conversions Part 2

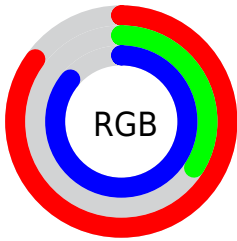
Format	Color
R _Y B	217, 87, 219
Decimal	14243803
CIE Lab	58.68, 67.27, -43.72
CIE LCh	59, 80.226, 326.981
Yxy	26.6826, 0.3171, 0.1888
Android (android.graphics.Color)	4292433883 (0xFFD957DB)
YUV	140.9180, 38.4944, 66.7239
Hunter-Lab	51.6552, 64.4660, -43.9923

Details

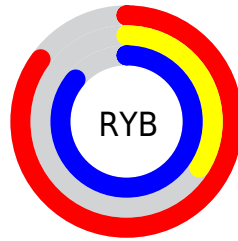
The Yxy color **26.6826, 0.3171, 0.1888** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **53.4937, 0.3046, 0.5225**, and the grayscale version is **26.4378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.4265, 0.3177, 0.2221**, and **10.4810, 0.3147, 0.1560** is the 20% darker color. If you saturate the color by 10%, you get **23.6082, 0.3174, 0.1734**, and if you desaturate by 10%, it is **30.8351, 0.3167, 0.2079**.

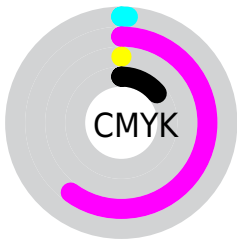
Distribution



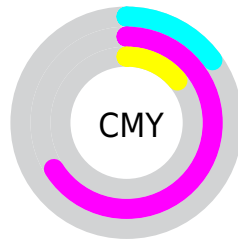
- Red (85%)
- Green (34%)
- Blue (86%)



- Red (85%)
- Yellow (34%)
- Blue (86%)



- Cyan (1%)
- Magenta (60%)
- Yellow (0%)
- Black (14%)





- Cyan (15%)
- Magenta (66%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6826, 0.3171, 0.1888 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 26.6826, 0.3171, 0.1888 by changing the saturation by 10% instead.

 26.6826, 0.3171,
0.1888


 26.6826, 0.3171,
0.1888


286.1170, 0.3181,
0.2551


 17.3350, 0.3159,
0.1738


 54.3741, 0.3182,
0.2118


 10.4736, 0.3138,
0.1554


 73.4868, 0.3184,
0.2208

 5.7141, 0.3101,
0.1328


 96.6233, 0.3185,
0.2285

 2.6720, 0.3035,
0.1047

 124.1681, 0.3185,
0.2352

 0.9630, 0.2910,
0.0704

156.5054, 0.3184,
0.2411

 0.0000, 0.2743,
0.0000

194.0198, 0.3183,


 0.0000, 0.1926,


0.2463


0.0000


237.0955, 0.3182,
0.2509


 0.0000, 0.0000,
0.0000


 26.6826, 0.3171,
0.1888


 26.6826, 0.3171,
0.1888


 23.6082, 0.3174,
0.1734

 30.8351, 0.3167,
0.2079


 21.5075, 0.3174,
0.1622


 36.1502, 0.3160,
0.2299

 20.2619, 0.3173,
0.1554

 42.7082, 0.3153,
0.2538

 19.6656, 0.3171,
0.1520

 50.5814, 0.3145,
0.2788

 59.8365, 0.3136,
0.3038

■ 70.5354, 0.3127,
0.3283

■ 82.7368, 0.3119,
0.3517

■ 91.8048, 0.3114,
0.3666

■ 91.8572, 0.3116,
0.3666

Harmonies

Analogous

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



26.6826, 0.2046, 0.1561



26.6826, 0.3171, 0.1888



26.6826, 0.4570, 0.2469

Triad

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



26.6826, 0.3171, 0.1888



26.6826, 0.4828, 0.4885



26.6826, 0.1195, 0.2670

Complementary

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



26.6826, 0.3171, 0.1888



53.4937, 0.3046, 0.5225

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.



26.6826, 0.1687, 0.4188



26.6826, 0.3171, 0.1888



26.6826, 0.3770, 0.5685

Square

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



26.6826, 0.3171, 0.1888



26.6826, 0.5546, 0.3982



26.6826, 0.2637, 0.5605



26.6826, 0.1124, 0.1833

Rectangle

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



26.6826, 0.3171, 0.1888



26.6826, 0.5307, 0.2940



26.6826, 0.2637, 0.5605



26.6826, 0.1305, 0.3108

Sweetspot

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



26.6838, 0.3171, 0.1888



73.9967, 0.3143, 0.2841



14.3182, 0.1965, 0.1385



15.0719, 0.3146, 0.2768



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.



26.6838, 0.3171, 0.1888



32.5071, 0.3174, 0.1704



24.2536, 0.3993, 0.2511



13.2641, 0.3136, 0.3060



11.6613, 0.3171, 0.1521



0.7588, 0.3178, 0.1524

Inverse Universe

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



22.6014, 0.4988, 0.3274



26.3149, 0.5573, 0.3276



54.9351, 0.2727, 0.4301



13.0547, 0.3289, 0.3287



8.9357, 0.6383, 0.3290



0.5801, 0.6330, 0.3261

Previews

White Background



This preview shows how the Yxy color 26.6826, 0.3171, 0.1888 looks on a white background.

Color Contrast Check

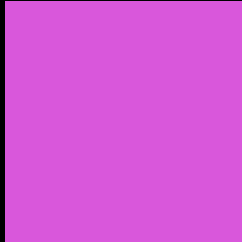
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6826, 0.3171, 0.1888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

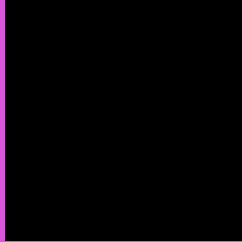
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6826, 0.3171, 0.1888

Background



This preview shows how black text looks on a background with the Yxy color 26.6826, 0.3171, 0.1888.

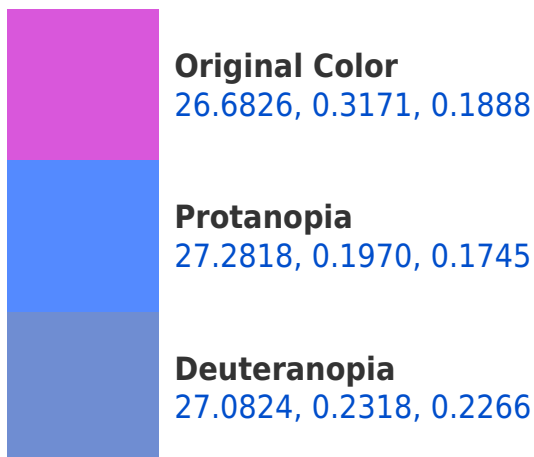


This preview shows how white text looks on a background with the Yxy color 26.6826, 0.3171, 0.1888.

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





Tritanopia

26.4438, 0.4178, 0.3177

Trichromacy



Original Color

26.6826, 0.3171, 0.1888



Protanomaly

24.5100, 0.2237, 0.1706



Deuteranomaly

24.9629, 0.2565, 0.2038



Tritanomaly

25.9246, 0.3790, 0.2626

Monochromacy



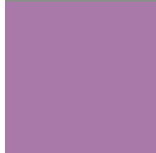
Original Color

26.6826, 0.3171, 0.1888



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

24.9743, 0.3160, 0.2599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6826, 0.3171, 0.1888 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(217, 87, 219)` looks like.

```
.text, #text, p{  
    color:rgb(217, 87, 219)  
}
```

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(217, 87, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 87, 219) }
```

Border

The CSS property to change the border of an element to Yxy 26.6826, 0.3171, 0.1888 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(217, 87, 219) }
```

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

```
.border{ border-color:rgb(217, 87, 219) }
```

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

Here you see how a box with a 4 pixel rgb(217, 87, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 87, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 87, 219);  
box-shadow:4px 4px 4px 4px rgb(217, 87,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6826, 0.3171, 0.1888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 87, 219) }
```

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

```
.background{ background-color: rgb(217, 87,  
219) }
```

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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