

Converting Colors

$Y_{xy}(26.5429, 0.3157, 0.1863)$

Have a look what the booklet for
Yxy(26.5429, 0.3157, 0.1863)
contains.

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Color

Yxy(26.4692, 0.3151, 0.1857)

Conversions

Conversions Part 1

Format	Color
Hex	D955DD
RGB	217, 85, 221
RGB Percent	85%, 33%, 87%
CMY	0.1491, 0.6666, 0.1333
CMYK	0.02, 0.62, 0.00, 0.13
HSL	298°, 67%, 60%
HSV	298°, 62%, 87%
XYZ	44.9135, 26.4692, 71.1547
YIQ	139.9720, 35.0160, 70.2800

Conversions

Conversions Part 2

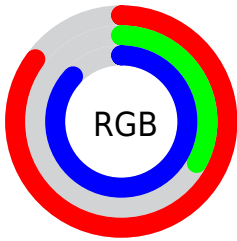
Format	Color
R_{YB}	217, 85, 221
Decimal	14243293
CIE _{Lab}	58.48, 68.41, -45.14
CIE _{LCh}	58, 81.967, 326.581
Yxy	26.4692, 0.3151, 0.1857
Android (android.graphics.Color)	4292433373 (0xFFD955DD)
YUV	139.9720, 39.9468, 67.5536
Hunter-Lab	51.4482, 65.7935, -45.9864

Details

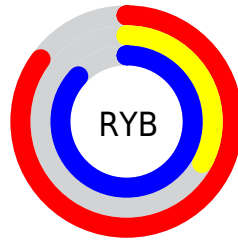
The Yxy color **26.4692, 0.3151, 0.1857** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **54.4994, 0.3053, 0.5262**, and the grayscale version is **26.0481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8260, 0.3178, 0.2204**, and **10.3754, 0.3118, 0.1524** is the 20% darker color. If you saturate the color by 10%, you get **23.4167, 0.3149, 0.1705**, and if you desaturate by 10%, it is **30.6108, 0.3151, 0.2046**.

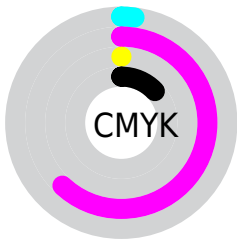
Distribution



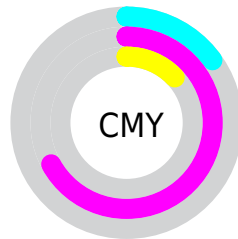
- Red (85%)
- Green (33%)
- Blue (87%)



- Red (85%)
- Yellow (33%)
- Blue (87%)



- Cyan (2%)
- Magenta (62%)
- Yellow (0%)
- Black (13%)





- Cyan (15%)
- Magenta (67%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4692, 0.3151, 0.1857 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 26.4692, 0.3151, 0.1857 by changing the saturation by 10% instead.


 26.4692, 0.3151,
0.1857


 26.4692, 0.3151,
0.1857


285.0778, 0.3173,
0.2532


 17.1750, 0.3135,
0.1705


 54.0309, 0.3167,
0.2091

 10.3593, 0.3110,
0.1520


 73.0672, 0.3170,
0.2182

 5.6378, 0.3067,
0.1292


 96.1196, 0.3172,
0.2261

 2.6261, 0.2993,
0.1011

 123.5726, 0.3174,
0.2329

 0.9398, 0.2855,
0.0671

155.8105, 0.3174,
0.2389

 0.0000, 0.2663,
0.0000

193.2178, 0.3174,


 0.0000, 0.1855,


0.2443


0.0000


236.1787, 0.3174,
0.2490


 0.0000, 0.0000,
0.0000


 26.4692, 0.3151,
0.1857


 26.4692, 0.3151,
0.1857


 23.4167, 0.3149,
0.1705


 30.6108, 0.3151,
0.2046


 21.3448, 0.3146,
0.1596

 35.9295, 0.3149,
0.2266

 20.1289, 0.3140,
0.1530

 42.5084, 0.3145,
0.2505

 19.5893, 0.3135,
0.1501

 50.4221, 0.3140,
0.2755

 59.7394, 0.3135,
0.3007

■ 70.5243, 0.3128,
0.3253

■ 82.8369, 0.3121,
0.3489

■ 92.3046, 0.3118,
0.3643

■ 92.4080, 0.3122,
0.3643

Harmonies

Analogous

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



26.4692, 0.2012, 0.1530



26.4692, 0.3151, 0.1857



26.4692, 0.4585, 0.2441

Triad

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



26.4692, 0.3151, 0.1857



26.4692, 0.4860, 0.4886



26.4692, 0.1165, 0.2666

Complementary

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



26.4692, 0.3151, 0.1857



54.4994, 0.3053, 0.5262

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.



26.4692, 0.1665, 0.4233



26.4692, 0.3151, 0.1857



26.4692, 0.3782, 0.5726

Square

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



26.4692, 0.3151, 0.1857



26.4692, 0.5594, 0.3966



26.4692, 0.2631, 0.5682



26.4692, 0.1092, 0.1810

Rectangle

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



26.4692, 0.3151, 0.1857



26.4692, 0.5346, 0.2917



26.4692, 0.2631, 0.5682



26.4692, 0.1276, 0.3117

Sweetspot

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



26.4704, 0.3151, 0.1857



73.8737, 0.3138, 0.2841



14.3889, 0.1946, 0.1371



15.0414, 0.3140, 0.2767



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.



26.4704, 0.3151, 0.1857



31.3694, 0.3148, 0.1667



24.3257, 0.3988, 0.2475



13.2542, 0.3133, 0.3059



11.3878, 0.3136, 0.1501



0.7441, 0.3149, 0.1508

Inverse Universe

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



22.5945, 0.5022, 0.3253



25.6578, 0.5634, 0.3258



55.8031, 0.2735, 0.4362



13.0577, 0.3287, 0.3284



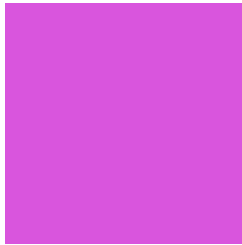
8.9411, 0.6367, 0.3281



0.5815, 0.6266, 0.3226

Previews

White Background



This preview shows how the Yxy color 26.4692, 0.3151, 0.1857 looks on a white background.

Color Contrast Check

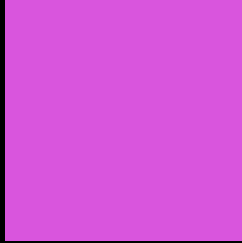
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4692, 0.3151, 0.1857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

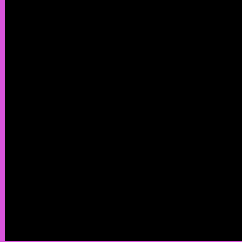
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4692, 0.3151, 0.1857

Background



This preview shows how black text looks on a background with the Yxy color 26.4692, 0.3151, 0.1857.



This preview shows how white text looks on a background with the Yxy color 26.4692, 0.3151, 0.1857.

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

26.4692, 0.3151, 0.1857

Protanopia

26.9503, 0.1963, 0.1731

Deuteranopia

26.6978, 0.2285, 0.2222



Tritanopia

26.4189, 0.4191, 0.3190

Trichromacy



Original Color

26.4692, 0.3151, 0.1857



Protanomaly

24.3335, 0.2230, 0.1686



Deuteranomaly

24.6351, 0.2531, 0.1999



Tritanomaly

25.7244, 0.3793, 0.2615

Monochromacy



Original Color

26.4692, 0.3151, 0.1857



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

24.6223, 0.3149, 0.2582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4692, 0.3151, 0.1857 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, 85, 221)` looks like.

```
.text, #text, p{  
    color:rgb(217, 85, 221)  
}
```

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, 85, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 85, 221) }
```

Border

The CSS property to change the border of an element to Yxy 26.4692, 0.3151, 0.1857 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, 85, 221) }
```

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

```
.border{ border-color:rgb(217, 85, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 85, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 85, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 85, 221);  
box-shadow:4px 4px 4px 4px rgb(217, 85,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4692, 0.3151, 0.1857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 85, 221) }
```

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

```
.background{ background-color: rgb(217, 85,  
221) }
```

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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