

Converting Colors

$Y_{xy}(26.5710, 0.3222, 0.1873)$

Have a look what the booklet for
Yxy(26.5710, 0.3222, 0.1873)
contains.

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Color

Yxy(26.5212, 0.3216, 0.1869)

Conversions

Conversions Part 1

Format	Color
Hex	DD52DB
RGB	221, 82, 219
RGB Percent	87%, 32%, 86%
CMY	0.1331, 0.6786, 0.1411
CMYK	0.00, 0.63, 0.01, 0.13
HSL	301°, 67%, 59%
HSV	301°, 63%, 87%
XYZ	45.6352, 26.5212, 69.7441
YIQ	139.1790, 38.8670, 72.0750

Conversions

Conversions Part 2

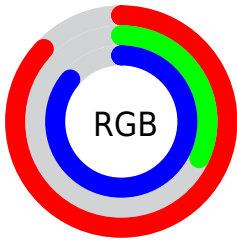
Format	Color
R _{YB}	221, 82, 219
Decimal	14504667
CIE Lab	58.53, 70.28, -43.91
CIE LCh	59, 82.867, 328.006
Yxy	26.5212, 0.3216, 0.1869
Android (android.graphics.Color)	4292694747 (0xFFDD52DB)
YUV	139.1790, 39.3518, 71.7570
Hunter-Lab	51.4987, 68.0536, -44.2466

Details

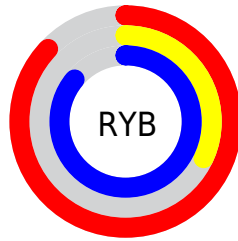
The Yxy color **26.5212, 0.3216, 0.1869** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **54.1708, 0.3024, 0.5294**, and the grayscale version is **25.7200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.2362, 0.3179, 0.2187**, and **10.3257, 0.3194, 0.1533** is the 20% darker color. If you saturate the color by 10%, you get **23.6939, 0.3227, 0.1730**, and if you desaturate by 10%, it is **30.4241, 0.3203, 0.2047**.

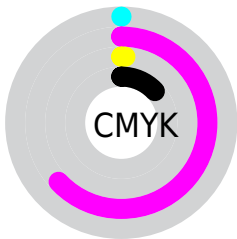
Distribution



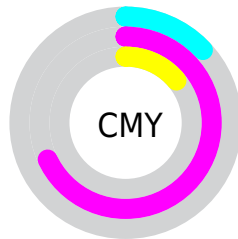
- Red (87%)
- Green (32%)
- Blue (86%)



- Red (87%)
- Yellow (32%)
- Blue (86%)



- Cyan (0%)
- Magenta (63%)
- Yellow (1%)
- Black (13%)





- Cyan (13%)
- Magenta (68%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5212, 0.3216, 0.1869 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 26.5212, 0.3216, 0.1869 by changing the saturation by 10% instead.

 26.5212, 0.3216,
0.1869


 26.5212, 0.3216,
0.1869


285.3313, 0.3204,
0.2539


 17.2140, 0.3209,
0.1718


 54.1146, 0.3219,
0.2101

 10.3872, 0.3195,
0.1533

 73.1695, 0.3218,
0.2192

 5.6564, 0.3167,
0.1307


 96.2425, 0.3216,
0.2270

 2.6373, 0.3112,
0.1026

 123.7178, 0.3214,
0.2338

 0.9455, 0.3003,
0.0685

155.9800, 0.3212,
0.2397

 0.0000, 0.2857,
0.0000

193.4134, 0.3209,

 0.0000, 0.2127,

0.2450

0.0000

236.4024, 0.3207,
0.2497

0.0000, 0.0000,
0.0000

26.5212, 0.3216,
0.1869

26.5212, 0.3216,
0.1869

23.6939, 0.3227,
0.1730

30.4241, 0.3203,
0.2047

21.8311, 0.3236,
0.1634

35.4920, 0.3189,
0.2255

20.8044, 0.3243,
0.1581

41.8095, 0.3175,
0.2486

20.4327, 0.3246,
0.1562

49.4519, 0.3160,
0.2730

58.4889, 0.3145,
0.2977

■ 68.9850, 0.3131,
0.3220

■ 81.0011, 0.3118,
0.3454

■ 92.1526, 0.3107,
0.3637

■ 92.1699, 0.3106,
0.3634

Harmonies

Analogous

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



26.5212, 0.2045, 0.1527



26.5212, 0.3216, 0.1869



26.5212, 0.4664, 0.2466

Triad

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



26.5212, 0.3216, 0.1869



26.5212, 0.4821, 0.4938



26.5212, 0.1138, 0.2600

Complementary

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



26.5212, 0.3216, 0.1869



54.1708, 0.3024, 0.5294

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.



26.5212, 0.1615, 0.4157



26.5212, 0.3216, 0.1869



26.5212, 0.3725, 0.5773

Square

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



26.5212, 0.3216, 0.1869



26.5212, 0.5590, 0.4005



26.5212, 0.2569, 0.5670



26.5212, 0.1084, 0.1772

Rectangle

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



26.5212, 0.3216, 0.1869



26.5212, 0.5408, 0.2946



26.5212, 0.2569, 0.5670



26.5212, 0.1243, 0.3042

Sweetspot

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



26.5224, 0.3216, 0.1869



72.8424, 0.3154, 0.2823



13.0416, 0.1907, 0.1272



14.8528, 0.3158, 0.2752



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.



26.5224, 0.3216, 0.1869



31.6579, 0.3230, 0.1690



23.6576, 0.4086, 0.2512



13.2714, 0.3140, 0.3063



11.8651, 0.3246, 0.1562



0.7698, 0.3239, 0.1558

Inverse Universe

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



26.5224, 0.3216, 0.1869



31.6579, 0.3230, 0.1690



55.7816, 0.2707, 0.4319



13.2714, 0.3140, 0.3063



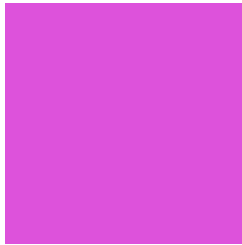
11.8651, 0.3246, 0.1562



0.7698, 0.3239, 0.1558

Previews

White Background



This preview shows how the Yxy color 26.5212, 0.3216, 0.1869 looks on a white background.

Color Contrast Check

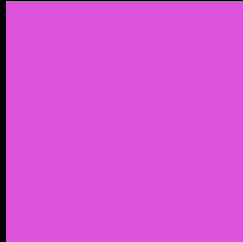
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5212, 0.3216, 0.1869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

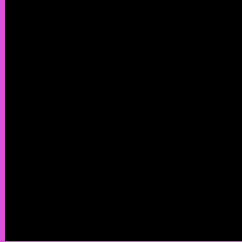
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5212, 0.3216, 0.1869

Background



This preview shows how black text looks on a background with the Yxy color 26.5212, 0.3216, 0.1869.

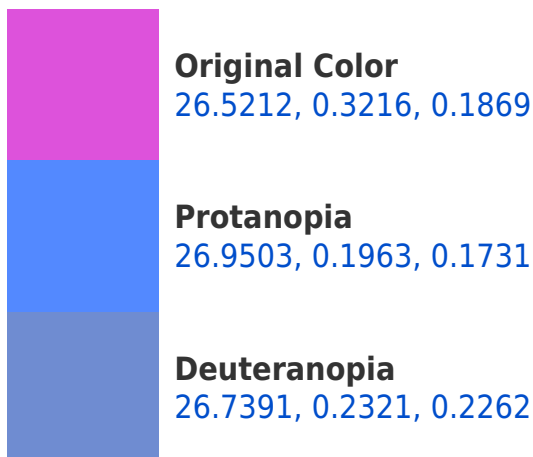


This preview shows how white text looks on a background with the Yxy color 26.5212, 0.3216, 0.1869.

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

26.2561, 0.4294, 0.3193

Trichromacy



Original Color

26.5212, 0.3216, 0.1869



Protanomaly

24.1199, 0.2240, 0.1685



Deuteranomaly

24.5771, 0.2572, 0.2015



Tritanomaly

25.6270, 0.3889, 0.2628

Monochromacy



Original Color

26.5212, 0.3216, 0.1869



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.2190, 0.3173, 0.2569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5212, 0.3216, 0.1869 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, 82, 219)` looks like.

```
.text, #text, p{  
    color:rgb(221, 82, 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(221, 82, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 82, 219) }
```

Border

The CSS property to change the border of an element to Yxy 26.5212, 0.3216, 0.1869 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, 82, 219) }
```

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

```
.border{ border-color:rgb(221, 82, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 82, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 82, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 82, 219);  
box-shadow:4px 4px 4px 4px rgb(221, 82,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5212, 0.3216, 0.1869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 82, 219) }
```

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

```
.background{ background-color: rgb(221, 82,  
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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