

Converting Colors

$Y_{xy}(26.9146, 0.3168, 0.1821)$

Have a look what the booklet for
Yxy(26.9146, 0.3168, 0.1821)
contains.

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Color

Yxy(27.0091, 0.3174, 0.1826)

Conversions

Conversions Part 1

Format	Color
Hex	DF51E1
RGB	223, 81, 225
RGB Percent	87%, 32%, 88%
CMY	0.1257, 0.6820, 0.1177
CMYK	0.01, 0.64, 0.00, 0.12
HSL	299°, 71%, 60%
HSV	299°, 64%, 88%
XYZ	46.9479, 27.0091, 73.9570
YIQ	139.8740, 38.4080, 74.8880

Conversions

Conversions Part 2

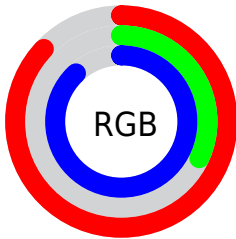
Format	Color
R _{YB}	223, 81, 225
Decimal	14635489
CIE _{Lab}	58.98, 72.04, -46.53
CIE _{LCh}	59, 85.758, 327.144
Yxy	27.0091, 0.3174, 0.1826
Android (android.graphics.Color)	4292825569 (0xFFDF51E1)
YUV	139.8740, 41.9671, 72.9015
Hunter-Lab	51.9703, 70.3019, -47.9942

Details

The Yxy color **27.0091, 0.3174, 0.1826** 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 **56.2783, 0.3039, 0.5348**, and the grayscale version is **26.0079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.9452, 0.3179, 0.2178**, and **10.7571, 0.3136, 0.1501** is the 20% darker color. If you saturate the color by 10%, you get **24.1481, 0.3176, 0.1688**, and if you desaturate by 10%, it is **30.9801, 0.3170, 0.2004**.

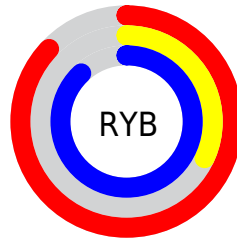
Distribution



Red (87%)

Green (32%)

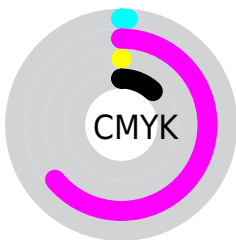
Blue (88%)



Red (87%)

Yellow (32%)

Blue (88%)

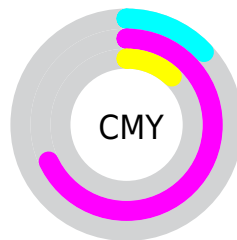


Cyan (1%)

Magenta (64%)

Yellow (0%)

Black (12%)



Cyan (13%)


Magenta (68%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0091, 0.3174, 0.1826 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 27.0091, 0.3174, 0.1826 by changing the saturation by 10% instead.


 27.0091, 0.3174,
0.1826


 27.0091, 0.3174,
0.1826


287.7012, 0.3186,
0.2510


 17.5801, 0.3161,
0.1674


 54.8985, 0.3186,
0.2061

 10.6489, 0.3138,
0.1489


 74.1276, 0.3189,
0.2154

 5.8313, 0.3100,
0.1264


 97.3922, 0.3189,
0.2233

 2.7428, 0.3031,
0.0988

 125.0767, 0.3190,
0.2303

 0.9990, 0.2903,
0.0657

157.5654, 0.3189,
0.2364

 0.0000, 0.2733,
0.0000


195.2428, 0.3188,


 0.0000, 0.2082,


0.2418


0.0000


238.4933, 0.3187,
0.2466


 0.0000, 0.0000,
0.0000


 27.0091, 0.3174,
0.1826


 27.0091, 0.3174,
0.1826


 24.1481, 0.3176,
0.1688


 30.9801, 0.3170,
0.2004


 22.2793, 0.3177,
0.1593


 36.1561, 0.3164,
0.2214


 21.2652, 0.3175,
0.1539


 42.6261, 0.3157,
0.2448

 20.9317, 0.3174,
0.1522


 50.4697, 0.3149,
0.2695

 59.7600, 0.3140,
0.2946

 70.5652, 0.3131,
0.3194

 82.9489, 0.3122,
0.3433

 93.0414, 0.3116,
0.3599

 93.0928, 0.3118,
0.3599

Harmonies

Analogous

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



27.0091, 0.1993, 0.1488



27.0091, 0.3174, 0.1826



27.0091, 0.4665, 0.2425

Triad

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



27.0091, 0.3174, 0.1826



27.0091, 0.4869, 0.4925



27.0091, 0.1106, 0.2611

Complementary

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



27.0091, 0.3174, 0.1826



56.2783, 0.3039, 0.5348

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.



27.0091, 0.1598, 0.4234



27.0091, 0.3174, 0.1826



27.0091, 0.3752, 0.5813

Square

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



27.0091, 0.3174, 0.1826



27.0091, 0.5652, 0.3972



27.0091, 0.2576, 0.5775



27.0091, 0.1045, 0.1752

Rectangle

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



27.0091, 0.3174, 0.1826



27.0091, 0.5444, 0.2908



27.0091, 0.2576, 0.5775



27.0091, 0.1214, 0.3071

Sweetspot

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



27.0103, 0.3174, 0.1826



72.7580, 0.3144, 0.2816



13.4480, 0.1892, 0.1265



14.8321, 0.3147, 0.2744



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.



27.0103, 0.3174, 0.1826



31.0484, 0.3177, 0.1649



24.2819, 0.4076, 0.2478



13.9252, 0.3136, 0.3059



12.0691, 0.3174, 0.1522



0.8398, 0.3180, 0.1525

Inverse Universe

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



22.5273, 0.5171, 0.3276



24.6937, 0.5797, 0.3280



57.8139, 0.2716, 0.4377



13.7037, 0.3290, 0.3287



9.2297, 0.6385, 0.3291



0.6409, 0.6338, 0.3265

Previews

White Background



This preview shows how the Yxy color 27.0091, 0.3174, 0.1826 looks on a white background.

Color Contrast Check

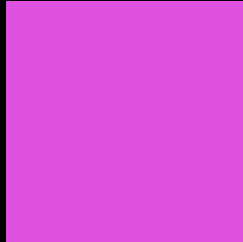
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0091, 0.3174, 0.1826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

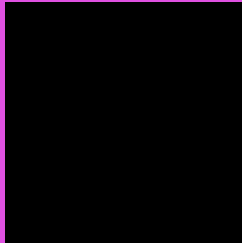
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0091, 0.3174, 0.1826

Background



This preview shows how black text looks on a background with the Yxy color 27.0091, 0.3174, 0.1826.

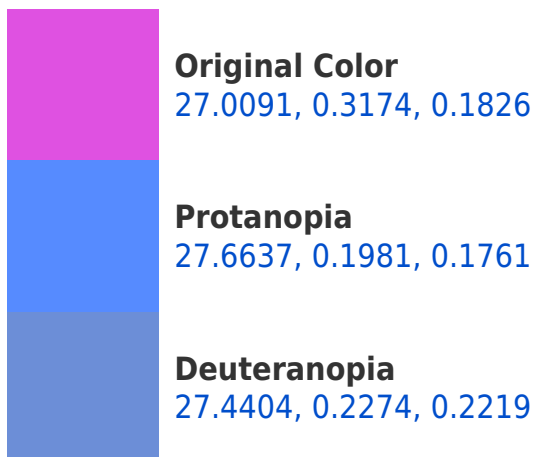


This preview shows how white text looks on a background with the Yxy color 27.0091, 0.3174, 0.1826.

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

26.8177, 0.4284, 0.3182

Trichromacy



Original Color

27.0091, 0.3174, 0.1826



Protanomaly

24.7228, 0.2253, 0.1690



Deuteranomaly

25.0314, 0.2521, 0.1967



Tritanomaly

26.2576, 0.3855, 0.2599

Monochromacy



Original Color

27.0091, 0.3174, 0.1826



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

24.6800, 0.3151, 0.2547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0091, 0.3174, 0.1826 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(223, 81, 225)` looks like.

```
.text, #text, p{  
    color:rgb(223, 81, 225)  
}
```

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(223, 81, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 81, 225) }
```

Border

The CSS property to change the border of an element to Yxy 27.0091, 0.3174, 0.1826 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(223, 81, 225) }
```

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

```
.border{ border-color:rgb(223, 81, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 81, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 81, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 81, 225);  
box-shadow:4px 4px 4px 4px rgb(223, 81,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0091, 0.3174, 0.1826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 81, 225) }
```

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

```
.background{ background-color: rgb(223, 81,  
225) }
```

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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