

Converting Colors

$Y_{xy}(26.0839, 0.3276, 0.1810)$

Have a look what the booklet for
Yxy(26.0839, 0.3276, 0.1810)
contains.

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Color

Yxy(26.0948, 0.3274, 0.1809)

Conversions

Conversions Part 1

Format	Color
Hex	E446DD
RGB	228, 70, 221
RGB Percent	89%, 27%, 87%
CMY	0.1060, 0.7253, 0.1335
CMYK	0.00, 0.69, 0.03, 0.11
HSL	303°, 75%, 58%
HSV	303°, 69%, 89%
XYZ	47.2274, 26.0948, 70.9277
YIQ	134.4560, 45.6970, 80.4570

Conversions

Conversions Part 2

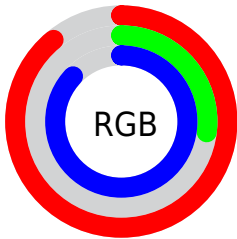
Format	Color
R _{YB}	228, 70, 221
Decimal	14960349
CIE Lab	58.13, 76.51, -45.57
CIE LCh	58, 89.053, 329.223
Yxy	26.0948, 0.3274, 0.1809
Android (android.graphics.Color)	4293150429 (0xFFE446DD)
YUV	134.4560, 42.6662, 82.0381
Hunter-Lab	51.0831, 75.6317, -46.5646

Details

The Yxy color **26.0948, 0.3274, 0.1809** 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 **57.3172, 0.3000, 0.5440**, and the grayscale version is **23.8514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.7126, 0.3182, 0.2111**, and **11.1516, 0.3269, 0.1574** is the 20% darker color. If you saturate the color by 10%, you get **23.7088, 0.3293, 0.1700**, and if you desaturate by 10%, it is **29.5657, 0.3253, 0.1960**.

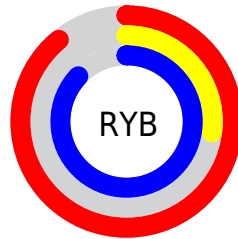
Distribution



Red (89%)

Green (27%)

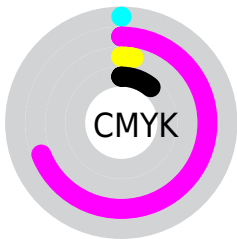
Blue (87%)



Red (89%)

Yellow (27%)

Blue (87%)

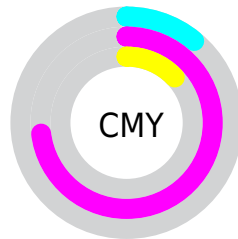


Cyan (0%)

Magenta (69%)

Yellow (3%)

Black (11%)



Cyan (11%)


Magenta (73%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0948, 0.3274, 0.1809 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 26.0948, 0.3274, 0.1809 by changing the saturation by 10% instead.


 26.0948, 0.3274,
0.1809


 26.0948, 0.3274,
0.1809


283.2471, 0.3236,
0.2502


 16.8946, 0.3273,
0.1654


 53.4278, 0.3268,
0.2048

 10.1594, 0.3266,
0.1467


 72.3294, 0.3263,
0.2141

 5.5047, 0.3247,
0.1239


 95.2336, 0.3259,
0.2222

 2.5463, 0.3204,
0.0959

 122.5248, 0.3254,
0.2292

 0.8998, 0.3109,
0.0625

 154.5873, 0.3249,
0.2354

 0.0000, 0.2977,
0.0000

191.8056, 0.3244,


 0.0000, 0.2371,


0.2409


0.0000


234.5641, 0.3240,
0.2458

 0.0000, 0.0000,
0.0000


 26.0948, 0.3274,
0.1809


 26.0948, 0.3274,
0.1809

 23.7088, 0.3293,
0.1700


 29.5657, 0.3253,
0.1960


 22.2742, 0.3310,
0.1635


 34.2275, 0.3231,
0.2147


 21.5848, 0.3324,
0.1607


 40.1778, 0.3208,
0.2361


 21.5450, 0.3325,
0.1605

 47.5028, 0.3186,
0.2593

 56.2816, 0.3164,
0.2833

 66.5871, 0.3144,
0.3073

 78.4875, 0.3126,
0.3307

 92.0466, 0.3109,
0.3529

 93.7286, 0.3102,
0.3544

Harmonies

Analogous

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



26.0948, 0.2013, 0.1445



26.0948, 0.3274, 0.1809



26.0948, 0.4838, 0.2435

Triad

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



26.0948, 0.3274, 0.1809



26.0948, 0.4828, 0.5022



26.0948, 0.1021, 0.2480

Complementary

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



26.0948, 0.3274, 0.1809



57.3172, 0.3000, 0.5440

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.



26.0948, 0.1477, 0.4141



26.0948, 0.3274, 0.1809



26.0948, 0.3652, 0.5958

Square

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



26.0948, 0.3274, 0.1809



26.0948, 0.5698, 0.4019



26.0948, 0.2448, 0.5854



26.0948, 0.0991, 0.1654

Rectangle

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



26.0948, 0.3274, 0.1809



26.0948, 0.5611, 0.2929



26.0948, 0.2448, 0.5854



26.0948, 0.1117, 0.2938

Sweetspot

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



26.0960, 0.3274, 0.1809



70.3111, 0.3168, 0.2788



11.4957, 0.1817, 0.1093



14.3565, 0.3174, 0.2721



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.



26.0960, 0.3274, 0.1809



29.6422, 0.3300, 0.1667



22.8836, 0.4321, 0.2522



14.6036, 0.3145, 0.3069



12.4480, 0.3323, 0.1604



0.9233, 0.3305, 0.1594

Inverse Universe

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



26.0960, 0.3274, 0.1809



29.6422, 0.3300, 0.1667



59.1228, 0.2667, 0.4365



14.6036, 0.3145, 0.3069



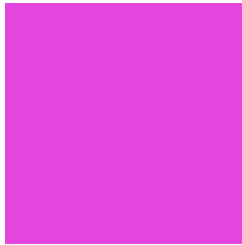
12.4480, 0.3323, 0.1604



0.9233, 0.3305, 0.1594

Previews

White Background



This preview shows how the Yxy color 26.0948, 0.3274, 0.1809 looks on a white background.

Color Contrast Check

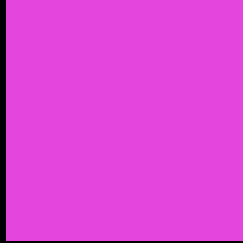
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0948, 0.3274, 0.1809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

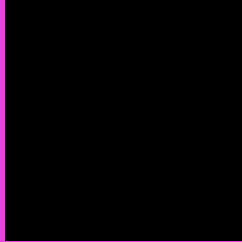
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0948, 0.3274, 0.1809

Background



This preview shows how black text looks on a background with the Yxy color 26.0948, 0.3274, 0.1809.



This preview shows how white text looks on a background with the Yxy color 26.0948, 0.3274, 0.1809.

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

26.0948, 0.3274, 0.1809

Protanopia

26.5338, 0.1948, 0.1714

Deuteranopia

26.3065, 0.2293, 0.2230



Tritanopia

25.8943, 0.4491, 0.3199

Trichromacy



Original Color

26.0948, 0.3274, 0.1809



Protanomaly

23.1277, 0.2232, 0.1623



Deuteranomaly

23.5651, 0.2566, 0.1944



Tritanomaly

25.1369, 0.4036, 0.2601

Monochromacy



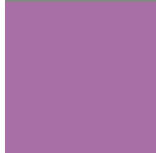
Original Color

26.0948, 0.3274, 0.1809



Achromatopsia

23.8398, 0.3127, 0.3290



Achromatomaly

22.4469, 0.3189, 0.2492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0948, 0.3274, 0.1809 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(228, 70, 221)` looks like.

```
.text, #text, p{  
    color:rgb(228, 70, 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(228, 70, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 70, 221) }
```

Border

The CSS property to change the border of an element to Yxy 26.0948, 0.3274, 0.1809 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(228, 70, 221) }
```

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

```
.border{ border-color:rgb(228, 70, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 70, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 70, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 70, 221);  
box-shadow:4px 4px 4px 4px rgb(228, 70,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0948, 0.3274, 0.1809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 70, 221) }
```

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

```
.background{ background-color: rgb(228, 70,  
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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