

Converting Colors

$Y_{xy}(25.5303, 0.3364, 0.1849)$

Have a look what the booklet for
Yxy(25.5303, 0.3364, 0.1849)
contains.

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Color

Yxy(25.5274, 0.3365, 0.1849)

Conversions

Conversions Part 1

Format	Color
Hex	E543D6
RGB	229, 67, 214
RGB Percent	90%, 26%, 84%
CMY	0.1019, 0.7372, 0.1609
CMYK	0.00, 0.71, 0.07, 0.10
HSL	306°, 76%, 58%
HSV	306°, 71%, 90%
XYZ	46.4574, 25.5274, 66.0758
YIQ	132.1960, 49.3650, 80.0610

Conversions

Conversions Part 2

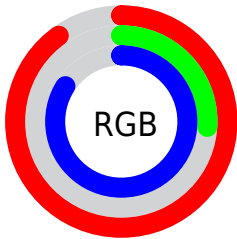
Format	Color
R _Y B	229, 67, 214
Decimal	15025110
CIE Lab	57.59, 76.68, -42.45
CIE LCh	58, 87.648, 331.029
Yxy	25.5274, 0.3365, 0.1849
Android (android.graphics.Color)	4293215190 (0xFFE543D6)
YUV	132.1960, 40.3294, 84.8971
Hunter-Lab	50.5246, 75.7125, -42.1718

Details

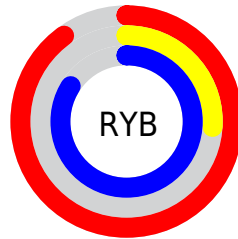
The Yxy color **25.5274, 0.3365, 0.1849** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **57.8492, 0.2973, 0.5397**, and the grayscale version is **22.9884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.1805, 0.3183, 0.2095**, and **11.0493, 0.3377, 0.1634** is the 20% darker color. If you saturate the color by 10%, you get **23.2148, 0.3400, 0.1751**, and if you desaturate by 10%, it is **28.9197, 0.3328, 0.1990**.

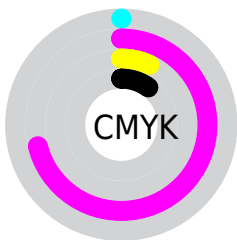
Distribution



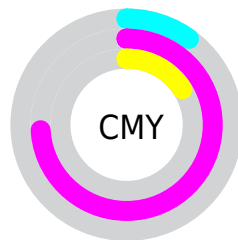
- Red (90%)
- Green (26%)
- Blue (84%)



- Red (90%)
- Yellow (26%)
- Blue (84%)



- Cyan (0%)
- Magenta (71%)
- Yellow (7%)
- Black (10%)




- Cyan (10%)
- Magenta (74%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5274, 0.3365, 0.1849 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 25.5274, 0.3365, 0.1849 by changing the saturation by 10% instead.


 25.5274, 0.3365,
0.1849


 25.5274, 0.3365,
0.1849


280.4543, 0.3277,
0.2529


 16.4704, 0.3377,
0.1695


 52.5115, 0.3340,
0.2085


 9.8576, 0.3387,
0.1508


 71.2075, 0.3329,
0.2177

 5.3047, 0.3391,
0.1278


 93.8852, 0.3318,
0.2256

 2.4271, 0.3378,
0.0993

 120.9291, 0.3308,
0.2325

 0.8398, 0.3326,
0.0648

 152.7236, 0.3299,
0.2386

 0.0000, 0.3258,
0.0000


189.6530, 0.3291,


 0.0000, 0.2654,


0.2439


0.0000


232.1018, 0.3284,
0.2487


 0.0000, 0.0000,
0.0000


 25.5274, 0.3365,
0.1849

 25.5274, 0.3365,
0.1849

 23.2148, 0.3400,
0.1751


 28.9197, 0.3328,
0.1990


 21.8429, 0.3433,
0.1697


 33.5013, 0.3290,
0.2166


 21.2017, 0.3461,
0.1680

 39.3727, 0.3253,
0.2370


 46.6224, 0.3218,
0.2591

 55.3313, 0.3185,
0.2821

 65.5739, 0.3156,
0.3050

 77.4199, 0.3129,
0.3274

 90.9344, 0.3106,
0.3487

 94.0695, 0.3091,
0.3512

Harmonies

Analogous

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



25.5274, 0.2081, 0.1468



25.5274, 0.3365, 0.1849



25.5274, 0.4910, 0.2485

Triad

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



25.5274, 0.3365, 0.1849



25.5274, 0.4757, 0.5081



25.5274, 0.1021, 0.2417

Complementary

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



25.5274, 0.3365, 0.1849



57.8492, 0.2973, 0.5397

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.



25.5274, 0.1447, 0.4016



25.5274, 0.3365, 0.1849



25.5274, 0.3582, 0.5976

Square

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



25.5274, 0.3365, 0.1849



25.5274, 0.5648, 0.4077



25.5274, 0.2388, 0.5763



25.5274, 0.1010, 0.1636

Rectangle

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



25.5274, 0.3365, 0.1849



25.5274, 0.5639, 0.2980



25.5274, 0.2388, 0.5763



25.5274, 0.1108, 0.2854

Sweetspot

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



25.5286, 0.3365, 0.1849



70.1473, 0.3187, 0.2812



11.4005, 0.1836, 0.1073



14.3169, 0.3195, 0.2748



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.



25.5286, 0.3365, 0.1849



28.6531, 0.3416, 0.1720



22.4106, 0.4490, 0.2603



14.5909, 0.3152, 0.3080



12.1302, 0.3457, 0.1678



0.9032, 0.3416, 0.1656

Inverse Universe

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



25.5286, 0.3365, 0.1849



28.6531, 0.3416, 0.1720



59.8305, 0.2626, 0.4267



14.5909, 0.3152, 0.3080



12.1302, 0.3457, 0.1678



0.9032, 0.3416, 0.1656

Previews

White Background



This preview shows how the Yxy color 25.5274, 0.3365, 0.1849 looks on a white background.

Color Contrast Check

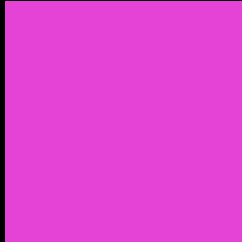
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5274, 0.3365, 0.1849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

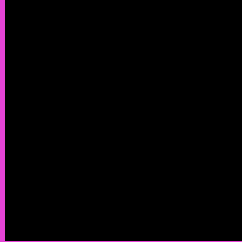
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5274, 0.3365, 0.1849

Background



This preview shows how black text looks on a background with the Yxy color 25.5274, 0.3365, 0.1849.



This preview shows how white text looks on a background with the Yxy color 25.5274, 0.3365, 0.1849.

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

25.5274, 0.3365, 0.1849

Protanopia

26.1257, 0.1934, 0.1697

Deuteranopia

25.8683, 0.2351, 0.2302



Tritanopia

25.4909, 0.4601, 0.3225

Trichromacy



Original Color

25.5274, 0.3365, 0.1849



Protanomaly

22.3487, 0.2229, 0.1616



Deuteranomaly

22.9634, 0.2637, 0.1993



Tritanomaly

24.7809, 0.4142, 0.2634

Monochromacy



Original Color

25.5274, 0.3365, 0.1849



Achromatopsia

23.0740, 0.3127, 0.3290



Achromatomaly

21.5492, 0.3226, 0.2499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5274, 0.3365, 0.1849 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(229, 67, 214)` looks like.

```
.text, #text, p{  
    color:rgb(229, 67, 214)  
}
```

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(229, 67, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 67, 214) }
```

Border

The CSS property to change the border of an element to Yxy 25.5274, 0.3365, 0.1849 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(229, 67, 214) }
```

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

```
.border{ border-color:rgb(229, 67, 214) }
```

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

Here you see how a box with a 4 pixel rgb(229, 67, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 67, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 67, 214);  
box-shadow:4px 4px 4px 4px rgb(229, 67,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5274, 0.3365, 0.1849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 67, 214) }
```

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

```
.background{ background-color: rgb(229, 67,  
214) }
```

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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