

Converting Colors

$Y_{xy}(25.8334, 0.3282, 0.1885)$

Have a look what the booklet for
Yxy(25.8334, 0.3282, 0.1885)
contains.

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Color

Yxy(25.8334, 0.3282, 0.1885)

Conversions

Conversions Part 1

Format	Color
Hex	DE4ED6
RGB	222, 78, 214
RGB Percent	87%, 31%, 84%
CMY	0.1295, 0.6940, 0.1608
CMYK	0.00, 0.65, 0.04, 0.13
HSL	303°, 69%, 59%
HSV	303°, 65%, 87%
XYZ	44.9789, 25.8334, 66.2349
YIQ	136.5600, 42.1680, 72.8240

Conversions

Conversions Part 2

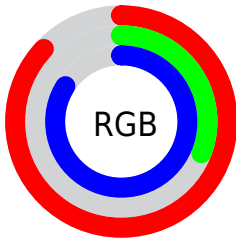
Format	Color
R _{YB}	222, 78, 214
Decimal	14569174
CIE Lab	57.88, 71.19, -42.09
CIE LCh	58, 82.703, 329.412
Yxy	25.8334, 0.3282, 0.1885
Android (android.graphics.Color)	4292759254 (0xFFDE4ED6)
YUV	136.5600, 38.1779, 74.9309
Hunter-Lab	50.8266, 69.0168, -41.6855

Details

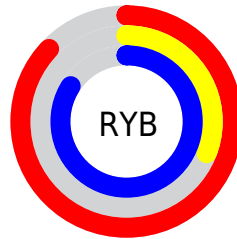
The Yxy color **25.8334, 0.3282, 0.1885** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **54.5194, 0.2999, 0.5285**, and the grayscale version is **24.6895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.3713, 0.3180, 0.2161**, and **10.2897, 0.3271, 0.1575** is the 20% darker color. If you saturate the color by 10%, you get **23.1306, 0.3306, 0.1758**, and if you desaturate by 10%, it is **29.6031, 0.3257, 0.2052**.

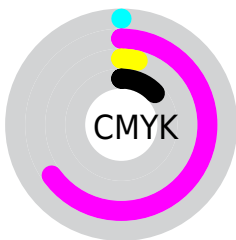
Distribution



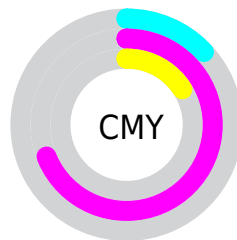
- Red (87%)
- Green (31%)
- Blue (84%)



- Red (87%)
- Yellow (31%)
- Blue (84%)



- Cyan (0%)
- Magenta (65%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (69%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8334, 0.3282, 0.1885 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 25.8334, 0.3282, 0.1885 by changing the saturation by 10% instead.


 25.8334, 0.3282,
0.1885


 25.8334, 0.3282,
0.1885


281.9633, 0.3235,
0.2552


 16.6990, 0.3284,
0.1733


 53.0061, 0.3272,
0.2117


 10.0202, 0.3282,
0.1548


 71.8132, 0.3266,
0.2207

 5.4123, 0.3269,
0.1319


 94.6133, 0.3260,
0.2285

 2.4912, 0.3234,
0.1034

 121.7908, 0.3255,
0.2352

 0.8722, 0.3151,
0.0685

153.7302, 0.3249,
0.2411

 0.0000, 0.3040,
0.0000

190.8158, 0.3244,


 0.0000, 0.2266,

0.2464


0.0000


233.4321, 0.3239,
0.2510

 0.0000, 0.0000,
0.0000

 25.8334, 0.3282,
0.1885

 25.8334, 0.3282,
0.1885


 23.1306, 0.3306,
0.1758


 29.6031, 0.3257,
0.2052


 21.3792, 0.3327,
0.1673


 34.5327, 0.3231,
0.2251

 20.4434, 0.3346,
0.1632

 40.7091, 0.3206,
0.2472

 20.1619, 0.3355,
0.1622

 48.2099, 0.3181,
0.2706

 57.1064, 0.3158,
0.2944

67.4648, 0.3137,
0.3179

79.3472, 0.3117,
0.3405

92.4173, 0.3101,
0.3613

92.4842, 0.3094,
0.3600

Harmonies

Analogous

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



25.8334, 0.2083, 0.1529



25.8334, 0.3282, 0.1885



25.8334, 0.4737, 0.2493

Triad

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



25.8334, 0.3282, 0.1885



25.8334, 0.4778, 0.4987



25.8334, 0.1118, 0.2539

Complementary

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



25.8334, 0.3282, 0.1885



54.5194, 0.2999, 0.5285

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.



25.8334, 0.1572, 0.4077



25.8334, 0.3282, 0.1885



25.8334, 0.3669, 0.5812

Square

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



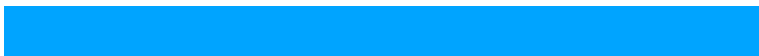
25.8334, 0.3282, 0.1885



25.8334, 0.5578, 0.4044



25.8334, 0.2511, 0.5644



25.8334, 0.1081, 0.1740

Rectangle

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



25.8334, 0.3282, 0.1885



25.8334, 0.5460, 0.2977



25.8334, 0.2511, 0.5644



25.8334, 0.1216, 0.2971

Sweetspot

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



25.8346, 0.3282, 0.1885



72.7164, 0.3168, 0.2842



12.6696, 0.1913, 0.1232



14.8218, 0.3174, 0.2773



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.



25.8346, 0.3282, 0.1885



30.6291, 0.3314, 0.1721



22.9569, 0.4241, 0.2577



13.9219, 0.3146, 0.3072



11.9852, 0.3352, 0.1620



0.8348, 0.3328, 0.1607

Inverse Universe

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



25.8346, 0.3282, 0.1885



30.6291, 0.3314, 0.1721



56.2886, 0.2666, 0.4244



13.9219, 0.3146, 0.3072



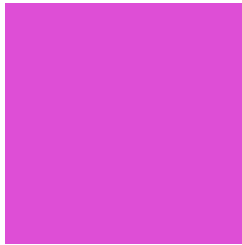
11.9852, 0.3352, 0.1620



0.8348, 0.3328, 0.1607

Previews

White Background



This preview shows how the Yxy color 25.8334, 0.3282, 0.1885 looks on a white background.

Color Contrast Check

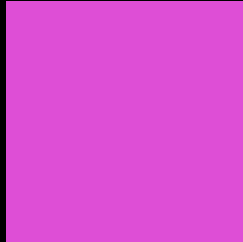
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8334, 0.3282, 0.1885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

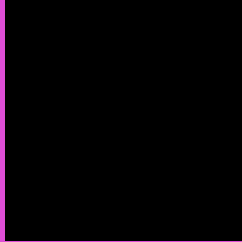
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8334, 0.3282, 0.1885

Background



This preview shows how black text looks on a background with the Yxy color 25.8334, 0.3282, 0.1885.

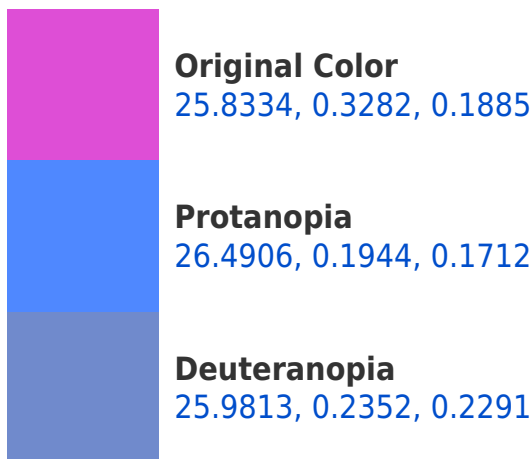


This preview shows how white text looks on a background with the Yxy color 25.8334, 0.3282, 0.1885.

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

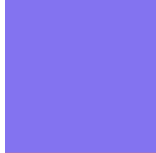
25.8118, 0.4389, 0.3208

Trichromacy



Original Color

25.8334, 0.3282, 0.1885



Protanomaly

23.3780, 0.2231, 0.1671



Deuteranomaly

23.7202, 0.2615, 0.2028



Tritanomaly

25.2308, 0.3977, 0.2648

Monochromacy



Original Color

25.8334, 0.3282, 0.1885



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

23.5322, 0.3196, 0.2577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8334, 0.3282, 0.1885 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(222, 78, 214)` looks like.

```
.text, #text, p{  
    color:rgb(222, 78, 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(222, 78, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 78, 214) }
```

Border

The CSS property to change the border of an element to Yxy 25.8334, 0.3282, 0.1885 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(222, 78, 214) }
```

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

```
.border{ border-color:rgb(222, 78, 214) }
```

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

Here you see how a box with a 4 pixel rgb(222, 78, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 78, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 78, 214);  
box-shadow:4px 4px 4px 4px rgb(222, 78,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8334, 0.3282, 0.1885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 78, 214) }
```

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

```
.background{ background-color: rgb(222, 78,  
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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