

Converting Colors

$Y_{xy}(25.2029, 0.3882, 0.2240)$

Have a look what the booklet for
Yxy(25.2029, 0.3882, 0.2240)
contains.

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Color

Yxy(25.1880, 0.3876, 0.2241)

Conversions

Conversions Part 1

Format	Color
Hex	E84AB0
RGB	232, 74, 176
RGB Percent	91%, 29%, 69%
CMY	0.0902, 0.7098, 0.3098
CMYK	0.00, 0.68, 0.24, 0.09
HSL	321°, 77%, 60%
HSV	321°, 68%, 91%
XYZ	43.5648, 25.1880, 43.6435
YIQ	132.8700, 61.4260, 65.2180

Conversions

Conversions Part 2

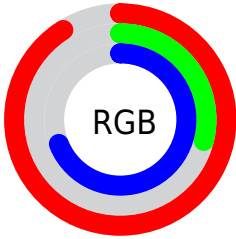
Format	Color
R _Y B	232, 74, 176
Decimal	15223472
CIE Lab	57.26, 69.74, -21.16
CIE LCh	57, 72.880, 343.125
Yxy	25.1880, 0.3876, 0.2241
Android (android.graphics.Color)	4293413552 (0xFFE84AB0)
YUV	132.8700, 21.2631, 86.9370
Hunter-Lab	50.1876, 67.1164, -16.4276

Details

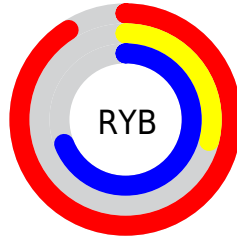
The Yxy color **25.1880, 0.3876, 0.2241** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **60.7819, 0.2802, 0.4769**, and the grayscale version is **23.3117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.8613, 0.3388, 0.2315**, and **10.2007, 0.4084, 0.2023** is the 20% darker color. If you saturate the color by 10%, you get **22.3259, 0.4034, 0.2170**, and if you desaturate by 10%, it is **29.2139, 0.3726, 0.2353**.

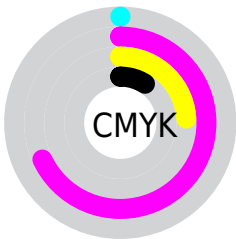
Distribution



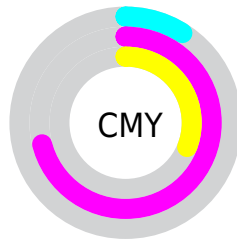
- Red (91%)
- Green (29%)
- Blue (69%)



- Red (91%)
- Yellow (29%)
- Blue (69%)



- Cyan (0%)
- Magenta (68%)
- Yellow (24%)
- Black (9%)





- Cyan (9%)
- Magenta (71%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1880, 0.3876, 0.2241 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 25.1880, 0.3876, 0.2241 by changing the saturation by 10% instead.


 25.1880, 0.3876,
0.2241


 25.1880, 0.3876,
0.2241


278.7729, 0.3491,
0.2766


 16.2172, 0.3975,
0.2112


 51.9620, 0.3734,
0.2431


 9.6780, 0.4103,
0.1948


 70.5341, 0.3681,
0.2503

 5.1860, 0.4274,
0.1733


 93.0753, 0.3637,
0.2563

 2.3568, 0.4515,
0.1446

 119.9701, 0.3599,
0.2615

 0.8035, 0.4872,
0.1048

 151.6028, 0.3566,
0.2661

 0.0000, 0.5724,
0.0000

188.3579, 0.3538,


 0.0000, 1.0000,


0.2700


0.0000


230.6198, 0.3513,
0.2735


 0.0000, 0.0000,
0.0000

 25.1880, 0.3876,
0.2241

 25.1880, 0.3876,
0.2241


 22.3259, 0.4034,
0.2170


 29.2139, 0.3726,
0.2353


 20.4908, 0.4193,
0.2148


 34.5128, 0.3587,
0.2495


 19.4971, 0.4347,
0.2177

 41.1853, 0.3463,
0.2656

 19.3510, 0.4377,
0.2185

 49.3210, 0.3354,
0.2825

 59.0018, 0.3261,
0.2996

 70.3036, 0.3182,
0.3161

 83.2970, 0.3115,
0.3319

 95.0740, 0.3061,
0.3422

 95.5786, 0.3015,
0.3339

Harmonies

Analogous

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



25.1880, 0.2634, 0.1786



25.1880, 0.3876, 0.2241



25.1880, 0.5046, 0.2890

Triad

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



25.1880, 0.3876, 0.2241



25.1880, 0.4256, 0.5262



25.1880, 0.1215, 0.2223

Complementary

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



25.1880, 0.3876, 0.2241



60.7819, 0.2802, 0.4769

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.



25.1880, 0.1467, 0.3313



25.1880, 0.3876, 0.2241



25.1880, 0.3192, 0.5621

Square

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



25.1880, 0.3876, 0.2241



25.1880, 0.5126, 0.4440



25.1880, 0.2164, 0.4813



25.1880, 0.1321, 0.1711

Rectangle

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



25.1880, 0.3876, 0.2241



25.1880, 0.5448, 0.3373



25.1880, 0.2164, 0.4813



25.1880, 0.1255, 0.2515

Sweetspot

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



25.1893, 0.3876, 0.2241



70.5558, 0.3279, 0.2962



15.4156, 0.2186, 0.1290



14.3577, 0.3304, 0.2914



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.



25.1893, 0.3876, 0.2241



26.5380, 0.4103, 0.2154



22.9307, 0.5072, 0.3067



14.5239, 0.3192, 0.3139



10.7675, 0.4353, 0.2172



0.8132, 0.4142, 0.2056

Inverse Universe

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



25.1893, 0.3876, 0.2241



26.5380, 0.4103, 0.2154



63.7391, 0.2439, 0.3606



14.5239, 0.3192, 0.3139



10.7675, 0.4353, 0.2172



0.8132, 0.4142, 0.2056

Previews

White Background



This preview shows how the Yxy color 25.1880, 0.3876, 0.2241 looks on a white background.

Color Contrast Check

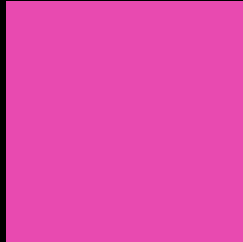
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1880, 0.3876, 0.2241 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 25.1880, 0.3876, 0.2241

Background



This preview shows how black text looks on a background with the Yxy color 25.1880, 0.3876, 0.2241.



This preview shows how white text looks on a background with the Yxy color 25.1880, 0.3876, 0.2241.

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

25.1880, 0.3876, 0.2241

Protanopia

25.5449, 0.2193, 0.2032

Deuteranopia

25.4363, 0.2837, 0.2780



Tritanopia

25.2928, 0.4828, 0.3230

Trichromacy



Original Color

25.1880, 0.3876, 0.2241



Protanomaly

22.7973, 0.2625, 0.2016



Deuteranomaly

23.4832, 0.3189, 0.2482



Tritanomaly

24.8689, 0.4501, 0.2848

Monochromacy



Original Color

25.1880, 0.3876, 0.2241



Achromatopsia

23.4551, 0.3127, 0.3290



Achromatomaly

22.1933, 0.3403, 0.2739

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1880, 0.3876, 0.2241 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(232, 74, 176)` looks like.

```
.text, #text, p{  
    color:rgb(232, 74, 176)  
}
```

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(232, 74, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 74, 176) }
```

Border

The CSS property to change the border of an element to Yxy 25.1880, 0.3876, 0.2241 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(232, 74, 176) }
```

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

```
.border{ border-color:rgb(232, 74, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 74, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 74, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 74, 176);  
box-shadow:4px 4px 4px 4px rgb(232, 74,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1880, 0.3876, 0.2241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 74, 176) }
```

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

```
.background{ background-color: rgb(232, 74,  
176) }
```

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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