

Converting Colors

$Y_{xy}(25.7466, 0.4143, 0.2428)$

Have a look what the booklet for
Yxy(25.7466, 0.4143, 0.2428)
contains.

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Color

Yxy(25.7466, 0.4143, 0.2428)

Conversions

Conversions Part 1

Format	Color
Hex	ED4CA1
RGB	237, 76, 161
RGB Percent	93%, 30%, 63%
CMY	0.0707, 0.7017, 0.3687
CMYK	0.00, 0.68, 0.32, 0.07
HSL	328°, 82%, 61%
HSV	328°, 68%, 93%
XYZ	43.9325, 25.7466, 36.3612
YIQ	133.8290, 68.6710, 60.5670

Conversions

Conversions Part 2

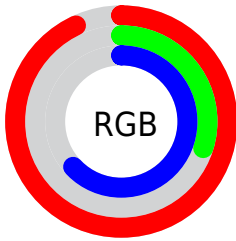
Format	Color
R _Y B	237, 76, 161
Decimal	15551649
CIE Lab	57.80, 68.51, -11.52
CIE LCh	58, 69.469, 350.452
Yxy	25.7466, 0.4143, 0.2428
Android (android.graphics.Color)	4293741729 (0xFFED4CA1)
YUV	133.8290, 13.3953, 90.4810
Hunter-Lab	50.7411, 65.7514, -6.9686

Details

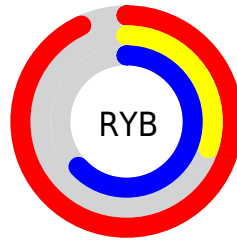
The Yxy color **25.7466, 0.4143, 0.2428** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **64.3565, 0.2715, 0.4488**, and the grayscale version is **23.7129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.5458, 0.3541, 0.2475**, and **10.4512, 0.4471, 0.2237** is the 20% darker color. If you saturate the color by 10%, you get **22.6822, 0.4371, 0.2381**, and if you desaturate by 10%, it is **30.0510, 0.3929, 0.2517**.

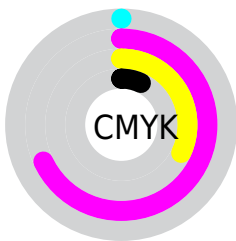
Distribution



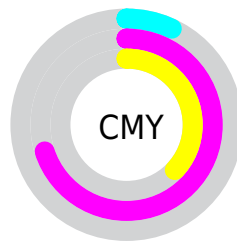
- Red (93%)
- Green (30%)
- Blue (63%)



- Red (93%)
- Yellow (30%)
- Blue (63%)



- Cyan (0%)
- Magenta (68%)
- Yellow (32%)
- Black (7%)




- Cyan (7%)
- Magenta (70%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7466, 0.4143, 0.2428 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 25.7466, 0.4143, 0.2428 by changing the saturation by 10% instead.


 25.7466, 0.4143,
0.2428


 25.7466, 0.4143,
0.2428


281.5359, 0.3603,
0.2872


 16.6342, 0.4288,
0.2314


 52.8659, 0.3939,
0.2592

 9.9740, 0.4479,
0.2168


 71.6415, 0.3865,
0.2652

 5.3817, 0.4743,
0.1971


 94.4070, 0.3803,
0.2703

 2.4729, 0.5127,
0.1697

 121.5467, 0.3751,
0.2747

 0.8630, 0.5729,
0.1299

153.4450, 0.3706,
0.2785

 0.0000, 0.7469,
0.0000

190.4864, 0.3667,

 0.0000, 1.0000,

0.2817

0.0000

233.0553, 0.3633,
0.2846

■ 0.0000, 0.0000,
0.0000

■ 25.7466, 0.4143,
0.2428

■ 25.7466, 0.4143,
0.2428

■ 22.6822, 0.4371,
0.2381

■ 30.0510, 0.3929,
0.2517

■ 20.7134, 0.4603,
0.2385

■ 35.7106, 0.3735,
0.2634

■ 19.6495, 0.4827,
0.2443

■ 42.8319, 0.3566,
0.2768


■ 19.4809, 0.4873,
0.2458

■ 51.5093, 0.3420,
0.2909

■ 61.8296, 0.3298,
0.3051

 73.8730, 0.3196,
0.3187

 87.7143, 0.3111,
0.3316

 96.4525, 0.3042,
0.3334

 96.7388, 0.3017,
0.3290

Harmonies

Analogous

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



25.7466, 0.2926, 0.1930



25.7466, 0.4143, 0.2428



25.7466, 0.5131, 0.3088

Triad

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



25.7466, 0.4143, 0.2428



25.7466, 0.3993, 0.5331



25.7466, 0.1282, 0.2114

Complementary

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



25.7466, 0.4143, 0.2428



64.3565, 0.2715, 0.4488

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.



25.7466, 0.1442, 0.3015



25.7466, 0.4143, 0.2428



25.7466, 0.2956, 0.5409

Square

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



25.7466, 0.4143, 0.2428



25.7466, 0.4886, 0.4620



25.7466, 0.2015, 0.4390



25.7466, 0.1463, 0.1720

Rectangle

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



25.7466, 0.4143, 0.2428



25.7466, 0.5383, 0.3571



25.7466, 0.2015, 0.4390



25.7466, 0.1295, 0.2350

Sweetspot

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



25.7480, 0.4143, 0.2428



70.2105, 0.3323, 0.3020



17.8828, 0.2350, 0.1371



14.2748, 0.3356, 0.2980



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.



25.7480, 0.4143, 0.2428



25.8608, 0.4450, 0.2376



23.7760, 0.5330, 0.3249



15.1869, 0.3210, 0.3166



10.6660, 0.4839, 0.2439



0.8570, 0.4551, 0.2281

Inverse Universe

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



25.7480, 0.4143, 0.2428



25.8608, 0.4450, 0.2376



67.8916, 0.2361, 0.3356



15.1869, 0.3210, 0.3166



10.6660, 0.4839, 0.2439



0.8570, 0.4551, 0.2281

Previews

White Background



This preview shows how the Yxy color 25.7466, 0.4143, 0.2428 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 25.7466, 0.4143, 0.2428 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 25.7466, 0.4143, 0.2428

Background



This preview shows how black text looks on a background with the Yxy color 25.7466, 0.4143, 0.2428.



This preview shows how white text looks on a background with the Yxy color 25.7466, 0.4143, 0.2428.

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

25.7466, 0.4143, 0.2428

Protanopia

26.0547, 0.2399, 0.2299

Deuteranopia

25.8309, 0.3075, 0.3003



Tritanopia

25.6919, 0.4948, 0.3234

Trichromacy



Original Color

25.7466, 0.4143, 0.2428



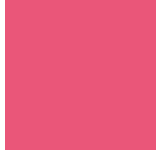
Protanomaly

23.4694, 0.2878, 0.2259



Deuteranomaly

24.1382, 0.3447, 0.2698



Tritanomaly

25.5285, 0.4673, 0.2931

Monochromacy



Original Color

25.7466, 0.4143, 0.2428



Achromatopsia

23.8398, 0.3127, 0.3290



Achromatomaly

22.4818, 0.3489, 0.2829

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7466, 0.4143, 0.2428 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(237, 76, 161)` looks like.

```
.text, #text, p{  
    color:rgb(237, 76, 161)  
}
```

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(237, 76, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 76, 161) }
```

Border

The CSS property to change the border of an element to Yxy 25.7466, 0.4143, 0.2428 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(237, 76, 161) }
```

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

```
.border{ border-color:rgb(237, 76, 161) }
```

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

Here you see how a box with a 4 pixel rgb(237, 76, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 76, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 76, 161);  
box-shadow:4px 4px 4px 4px rgb(237, 76,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7466, 0.4143, 0.2428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 76, 161) }
```

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

```
.background{ background-color: rgb(237, 76,  
161) }
```

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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