

Converting Colors

$Y_{xy}(26.4423, 0.3888, 0.2250)$

Have a look what the booklet for
Yxy(26.4423, 0.3888, 0.2250)
contains.

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Color

Yxy(26.4281, 0.3888, 0.2251)

Conversions

Conversions Part 1

Format	Color
Hex	ED4CB3
RGB	237, 76, 179
RGB Percent	93%, 30%, 70%
CMY	0.0705, 0.7020, 0.2981
CMYK	0.00, 0.68, 0.24, 0.07
HSL	322°, 82%, 61%
HSV	322°, 68%, 93%
XYZ	45.6475, 26.4281, 45.3305
YIQ	135.8810, 62.8930, 66.1650

Conversions

Conversions Part 2

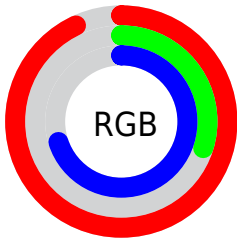
Format	Color
R _Y B	237, 76, 179
Decimal	15551667
CIE Lab	58.44, 70.69, -20.99
CIE LCh	58, 73.742, 343.461
Yxy	26.4281, 0.3888, 0.2251
Android (android.graphics.Color)	4293741747 (0xFFED4CB3)
YUV	135.8810, 21.2577, 88.6814
Hunter-Lab	51.4083, 68.5329, -16.2946

Details

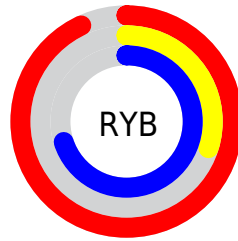
The Yxy color **26.4281, 0.3888, 0.2251** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **63.8349, 0.2797, 0.4753**, and the grayscale version is **24.4753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.5861, 0.3358, 0.2307**, and **10.8535, 0.4098, 0.2031** is the 20% darker color. If you saturate the color by 10%, you get **23.4083, 0.4049, 0.2181**, and if you desaturate by 10%, it is **30.6742, 0.3734, 0.2363**.

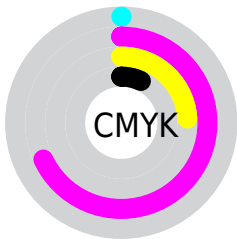
Distribution



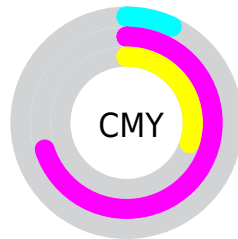
- Red (93%)
- Green (30%)
- Blue (70%)



- Red (93%)
- Yellow (30%)
- Blue (70%)



- Cyan (0%)
- Magenta (68%)
- Yellow (24%)
- Black (7%)





- Cyan (7%)
- Magenta (70%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.4281, 0.3888, 0.2251 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 26.4281, 0.3888, 0.2251 by changing the saturation by 10% instead.


 26.4281, 0.3888,
0.2251


 26.4281, 0.3888,
0.2251


284.8773, 0.3499,
0.2768


 17.1442, 0.3987,
0.2125


 53.9648, 0.3745,
0.2437

 10.3373, 0.4115,
0.1965


 72.9863, 0.3692,
0.2508

 5.6232, 0.4286,
0.1757


 96.0225, 0.3647,
0.2567

 2.6173, 0.4525,
0.1480

 123.4578, 0.3608,
0.2619

 0.9354, 0.4876,
0.1099

155.6765, 0.3575,
0.2663

 0.0000, 0.5759,
0.0000

193.0631, 0.3547,

 0.0000, 0.8727,

0.2702

0.0000

236.0019, 0.3521,
0.2737

0.0000, 0.0000,
0.0000

26.4281, 0.3888,
0.2251

26.4281, 0.3888,
0.2251

23.4083, 0.4049,
0.2181

30.6742, 0.3734,
0.2363

21.4707, 0.4212,
0.2160

36.2613, 0.3593,
0.2504

20.4245, 0.4370,
0.2190


43.2954, 0.3467,
0.2664


20.2602, 0.4403,
0.2199

51.8709, 0.3357,
0.2832

62.0738, 0.3262,
0.3001

 73.9841, 0.3182,
0.3165

 87.6761, 0.3114,
0.3322

 96.2621, 0.3060,
0.3366

 96.7468, 0.3017,
0.3290

Harmonies

Analogous

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



26.4281, 0.2648, 0.1794



26.4281, 0.3888, 0.2251



26.4281, 0.5048, 0.2900

Triad

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



26.4281, 0.3888, 0.2251



26.4281, 0.4243, 0.5265



26.4281, 0.1220, 0.2219

Complementary

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



26.4281, 0.3888, 0.2251



63.8349, 0.2797, 0.4753

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.



26.4281, 0.1468, 0.3298



26.4281, 0.3888, 0.2251



26.4281, 0.3181, 0.5609

Square

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



26.4281, 0.3888, 0.2251



26.4281, 0.5113, 0.4448



26.4281, 0.2158, 0.4790



26.4281, 0.1329, 0.1713

Rectangle

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



26.4281, 0.3888, 0.2251



26.4281, 0.5442, 0.3383



26.4281, 0.2158, 0.4790



26.4281, 0.1259, 0.2508

Sweetspot

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



26.4295, 0.3888, 0.2251



70.5378, 0.3281, 0.2965



16.2183, 0.2187, 0.1293



14.3534, 0.3307, 0.2917



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.



26.4295, 0.3888, 0.2251



26.4864, 0.4121, 0.2165



24.0988, 0.5068, 0.3067



15.2163, 0.3193, 0.3140



11.0859, 0.4378, 0.2186



0.8888, 0.4174, 0.2073

Inverse Universe

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



26.4295, 0.3888, 0.2251



26.4864, 0.4121, 0.2165



66.9097, 0.2439, 0.3606



15.2163, 0.3193, 0.3140



11.0859, 0.4378, 0.2186



0.8888, 0.4174, 0.2073

Previews

White Background



This preview shows how the Yxy color 26.4281, 0.3888, 0.2251 looks on a white background.

Color Contrast Check

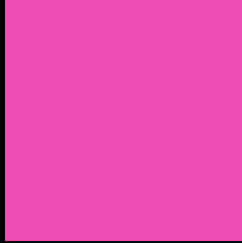
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4281, 0.3888, 0.2251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

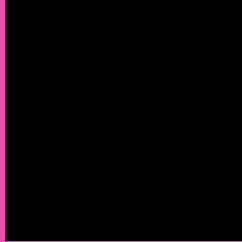
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4281, 0.3888, 0.2251

Background



This preview shows how black text looks on a background with the Yxy color 26.4281, 0.3888, 0.2251.



This preview shows how white text looks on a background with the Yxy color 26.4281, 0.3888, 0.2251.

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

26.4281, 0.3888, 0.2251

Protanopia

26.7937, 0.2200, 0.2041

Deuteranopia

26.6547, 0.2842, 0.2789



Tritanopia

26.5176, 0.4836, 0.3232

Trichromacy



Original Color

26.4281, 0.3888, 0.2251



Protanomaly

23.7349, 0.2625, 0.2012



Deuteranomaly

24.3926, 0.3188, 0.2481



Tritanomaly

26.1071, 0.4500, 0.2846

Monochromacy



Original Color

26.4281, 0.3888, 0.2251



Achromatopsia

24.6201, 0.3127, 0.3290



Achromatomaly

23.1859, 0.3412, 0.2735

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4281, 0.3888, 0.2251 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, 179)` looks like.

```
.text, #text, p{  
  color:rgb(237, 76, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 76, 179) }
```

Border

The CSS property to change the border of an element to Yxy 26.4281, 0.3888, 0.2251 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, 179) }
```

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

```
.border{ border-color:rgb(237, 76, 179) }
```

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, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 76, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 76, 179);  
box-shadow:4px 4px 4px 4px rgb(237, 76,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4281, 0.3888, 0.2251 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, 179) }
```

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

```
.background{ background-color: rgb(237, 76,  
179) }
```

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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