

Converting Colors

$Y_{xy}(26.7622, 0.3975, 0.2436)$

Have a look what the booklet for
Yxy(26.7622, 0.3975, 0.2436)
contains.

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Color

Yxy(26.7622, 0.3975, 0.2436)

Conversions

Conversions Part 1

Format	Color
Hex	E857A7
RGB	232, 87, 167
RGB Percent	91%, 34%, 65%
CMY	0.0901, 0.6589, 0.3450
CMYK	0.00, 0.63, 0.28, 0.09
HSL	327°, 76%, 63%
HSV	327°, 63%, 91%
XYZ	43.6698, 26.7622, 39.4292
YIQ	139.4750, 60.7400, 55.6200

Conversions

Conversions Part 2

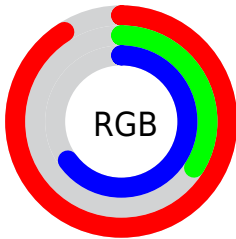
Format	Color
RYB	232, 87, 167
Decimal	15226791
CIELab	58.75, 63.61, -13.67
CIELCh	59, 65.058, 347.871
Yxy	26.7622, 0.3975, 0.2436
Android (android.graphics.Color)	4293416871 (0xFFE857A7)
YUV	139.4750, 13.5698, 81.1444
Hunter-Lab	51.7322, 60.1498, -8.9771

Details

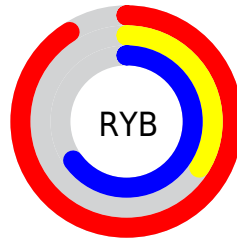
The Yxy color **26.7622, 0.3975, 0.2436** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **62.0215, 0.2745, 0.4426**, and the grayscale version is **25.9381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.4804, 0.3470, 0.2505**, and **10.5878, 0.4254, 0.2191** is the 20% darker color. If you saturate the color by 10%, you get **23.2230, 0.4182, 0.2360**, and if you desaturate by 10%, it is **31.5419, 0.3784, 0.2547**.

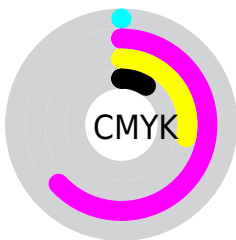
Distribution



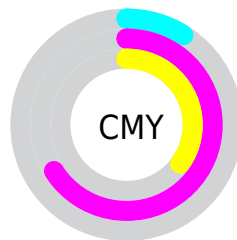
- Red (91%)
- Green (34%)
- Blue (65%)



- Red (91%)
- Yellow (34%)
- Blue (65%)



- Cyan (0%)
- Magenta (63%)
- Yellow (28%)
- Black (9%)




- Cyan (9%)
- Magenta (66%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7622, 0.3975, 0.2436 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 26.7622, 0.3975, 0.2436 by changing the saturation by 10% instead.


 26.7622, 0.3975,
0.2436


 26.7622, 0.3975,
0.2436


286.5039, 0.3530,
0.2871


 17.3947, 0.4093,
0.2326


 54.5020, 0.3808,
0.2595


 10.5163, 0.4248,
0.2184


 73.6432, 0.3747,
0.2655

 5.7426, 0.4460,
0.1996


 96.8110, 0.3696,
0.2705

 2.6892, 0.4767,
0.1735

 124.3899, 0.3653,
0.2748

 0.9717, 0.5244,
0.1357

156.7642, 0.3615,
0.2785

 0.0000, 0.6602,
0.0000

194.3184, 0.3583,

 0.0000, 1.0000,

0.2817


0.0000


237.4368, 0.3555,
0.2846


 0.0000, 0.0000,
0.0000


 26.7622, 0.3975,
0.2436


 26.7622, 0.3975,
0.2436

 23.2230, 0.4182,
0.2360

 31.5419, 0.3784,
0.2547


 20.7989, 0.4398,
0.2329


 37.6631, 0.3614,
0.2680


 19.3453, 0.4612,
0.2353

 45.2212, 0.3467,
0.2825


 18.7200, 0.4768,
0.2400

 54.3015, 0.3341,
0.2973

 64.9829, 0.3235,
0.3118

 77.3386, 0.3147,
0.3256

 91.4371, 0.3074,
0.3387

 95.5962, 0.3014,
0.3337

 95.9007, 0.2988,
0.3290

Harmonies

Analogous

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



26.7622, 0.2857, 0.1978



26.7622, 0.3975, 0.2436



26.7622, 0.4929, 0.3060

Triad

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



26.7622, 0.3975, 0.2436



26.7622, 0.4050, 0.5162



26.7622, 0.1383, 0.2252

Complementary

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



26.7622, 0.3975, 0.2436



62.0215, 0.2745, 0.4426

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.



26.7622, 0.1577, 0.3146



26.7622, 0.3975, 0.2436



26.7622, 0.3076, 0.5265

Square

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



26.7622, 0.3975, 0.2436



26.7622, 0.4854, 0.4508



26.7622, 0.2165, 0.4407



26.7622, 0.1528, 0.1831

Rectangle

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



26.7622, 0.3975, 0.2436



26.7622, 0.5217, 0.3522



26.7622, 0.2165, 0.4407



26.7622, 0.1407, 0.2493

Sweetspot

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



26.7636, 0.3975, 0.2436



71.5673, 0.3303, 0.3023



19.1083, 0.2383, 0.1492



14.5417, 0.3335, 0.2981



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.



26.7636, 0.3975, 0.2436



27.7737, 0.4244, 0.2346



24.8295, 0.5002, 0.3198



14.5004, 0.3206, 0.3161



10.4154, 0.4736, 0.2383



0.7883, 0.4452, 0.2226

Inverse Universe

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



26.7636, 0.3975, 0.2436



27.7737, 0.4244, 0.2346



65.0479, 0.2415, 0.3413



14.5004, 0.3206, 0.3161



10.4154, 0.4736, 0.2383



0.7883, 0.4452, 0.2226

Previews

White Background



This preview shows how the Yxy color 26.7622, 0.3975, 0.2436 looks on a white background.

Color Contrast Check

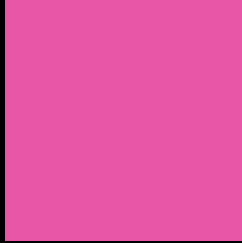
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7622, 0.3975, 0.2436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

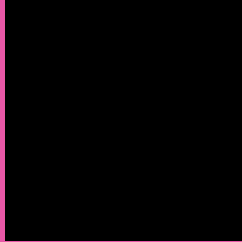
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7622, 0.3975, 0.2436

Background



This preview shows how black text looks on a background with the Yxy color 26.7622, 0.3975, 0.2436.



This preview shows how white text looks on a background with the Yxy color 26.7622, 0.3975, 0.2436.

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

26.7622, 0.3975, 0.2436

Protanopia

27.1807, 0.2423, 0.2338

Deuteranopia

26.8832, 0.3015, 0.2960



Tritanopia

26.7210, 0.4701, 0.3218

Trichromacy



Original Color

26.7622, 0.3975, 0.2436



Protanomaly

25.0134, 0.2853, 0.2307



Deuteranomaly

25.2673, 0.3344, 0.2684



Tritanomaly

26.6087, 0.4454, 0.2929

Monochromacy



Original Color

26.7622, 0.3975, 0.2436



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.4871, 0.3437, 0.2865

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7622, 0.3975, 0.2436 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, 87, 167)` looks like.

```
.text, #text, p{  
    color:rgb(232, 87, 167)  
}
```

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, 87, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 87, 167) }
```

Border

The CSS property to change the border of an element to Yxy 26.7622, 0.3975, 0.2436 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, 87, 167) }
```

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

```
.border{ border-color:rgb(232, 87, 167) }
```

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

Here you see how a box with a 4 pixel rgb(232, 87, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 87, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 87, 167);  
box-shadow:4px 4px 4px 4px rgb(232, 87,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7622, 0.3975, 0.2436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 87, 167) }
```

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

```
.background{ background-color: rgb(232, 87,  
167) }
```

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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