

Converting Colors

$Y_{xy}(25.9033, 0.3896, 0.2283)$

Have a look what the booklet for
Yxy(25.9033, 0.3896, 0.2283)
contains.

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Color

Yxy(25.8676, 0.3894, 0.2286)

Conversions

Conversions Part 1

Format	Color
Hex	E94EAF
RGB	233, 78, 175
RGB Percent	91%, 31%, 69%
CMY	0.0863, 0.6940, 0.3137
CMYK	0.00, 0.67, 0.25, 0.09
HSL	322°, 78%, 61%
HSV	322°, 67%, 91%
XYZ	44.0632, 25.8676, 43.2258
YIQ	135.4030, 61.2430, 63.0270

Conversions

Conversions Part 2

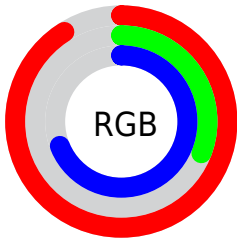
Format	Color
R _Y B	233, 78, 175
Decimal	15290031
CIE Lab	57.91, 68.39, -19.56
CIE LCh	58, 71.134, 344.041
Yxy	25.8676, 0.3894, 0.2286
Android (android.graphics.Color)	4293480111 (0xFFE94EAF)
YUV	135.4030, 19.5213, 85.5926
Hunter-Lab	50.8602, 65.6397, -14.7881

Details

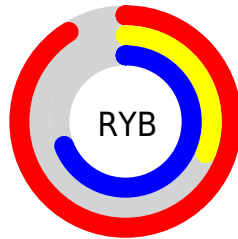
The Yxy color **25.8676, 0.3894, 0.2286** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **61.6698, 0.2789, 0.4684**, and the grayscale version is **24.2987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.9208, 0.3393, 0.2359**, and **10.2894, 0.4121, 0.2044** is the 20% darker color. If you saturate the color by 10%, you get **22.7914, 0.4062, 0.2212**, and if you desaturate by 10%, it is **30.1407, 0.3735, 0.2400**.

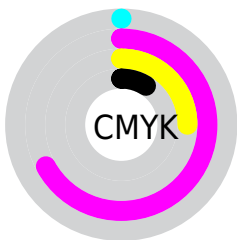
Distribution



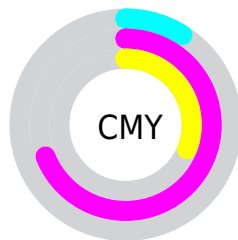
- Red (91%)
- Green (31%)
- Blue (69%)



- Red (91%)
- Yellow (31%)
- Blue (69%)



- Cyan (0%)
- Magenta (67%)
- Yellow (25%)
- Black (9%)



- Cyan (9%)
- Magenta (69%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8676, 0.3894, 0.2286 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 25.8676, 0.3894, 0.2286 by changing the saturation by 10% instead.


 25.8676, 0.3894,
0.2286


 25.8676, 0.3894,
0.2286


282.1315, 0.3498,
0.2789

 16.7246, 0.3996,
0.2162


 53.0613, 0.3748,
0.2468

 10.0383, 0.4129,
0.2003


 71.8808, 0.3693,
0.2537

 5.4244, 0.4307,
0.1796


 94.6945, 0.3648,
0.2595

 2.4984, 0.4559,
0.1517

 121.8870, 0.3609,
0.2645

 0.8758, 0.4936,
0.1128

153.8425, 0.3576,
0.2688

 0.0000, 0.5886,
0.0000

190.9455, 0.3546,

 0.0000, 1.0000,

0.2726

0.0000

233.5804, 0.3521,
0.2760

■ 0.0000, 0.0000,
0.0000

■ 25.8676, 0.3894,
0.2286

■ 25.8676, 0.3894,
0.2286

■ 22.7914, 0.4062,
0.2212

■ 30.1407, 0.3735,
0.2400

■ 20.7775, 0.4233,
0.2186

■ 35.7185, 0.3590,
0.2542


■ 19.6628, 0.4400,
0.2213


■ 42.7010, 0.3461,
0.2700

■ 19.3906, 0.4458,
0.2229


■ 51.1774, 0.3349,
0.2865

■ 61.2296, 0.3254,
0.3030

 72.9331, 0.3173,
0.3190

 86.3590, 0.3105,
0.3342

 95.4188, 0.3050,
0.3392

 95.9633, 0.3002,
0.3305

Harmonies

Analogous

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



25.8676, 0.2683, 0.1831



25.8676, 0.3894, 0.2286



25.8676, 0.5012, 0.2928

Triad

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



25.8676, 0.3894, 0.2286



25.8676, 0.4212, 0.5238



25.8676, 0.1257, 0.2235

Complementary

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



25.8676, 0.3894, 0.2286



61.6698, 0.2789, 0.4684

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.



25.8676, 0.1498, 0.3278



25.8676, 0.3894, 0.2286



25.8676, 0.3172, 0.5535

Square

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



25.8676, 0.3894, 0.2286



25.8676, 0.5063, 0.4455



25.8676, 0.2171, 0.4715



25.8676, 0.1370, 0.1743

Rectangle

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



25.8676, 0.3894, 0.2286



25.8676, 0.5388, 0.3407



25.8676, 0.2171, 0.4715



25.8676, 0.1294, 0.2515

Sweetspot

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



25.8689, 0.3894, 0.2286



70.4969, 0.3286, 0.2971



16.4729, 0.2233, 0.1343



14.3435, 0.3313, 0.2925



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.



25.8689, 0.3894, 0.2286



26.8685, 0.4128, 0.2195



23.6688, 0.5041, 0.3094



15.2126, 0.3195, 0.3144



11.0287, 0.4433, 0.2216



0.8846, 0.4219, 0.2098

Inverse Universe

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



25.8689, 0.3894, 0.2286



26.8685, 0.4128, 0.2195



64.6617, 0.2435, 0.3562



15.2126, 0.3195, 0.3144



11.0287, 0.4433, 0.2216



0.8846, 0.4219, 0.2098

Previews

White Background



This preview shows how the Yxy color 25.8676, 0.3894, 0.2286 looks on a white background.

Color Contrast Check

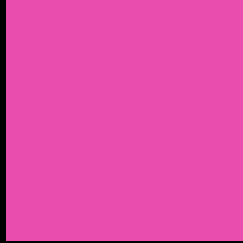
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8676, 0.3894, 0.2286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

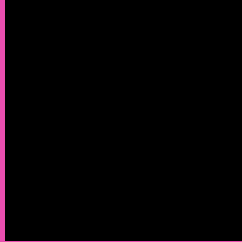
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8676, 0.3894, 0.2286

Background



This preview shows how black text looks on a background with the Yxy color 25.8676, 0.3894, 0.2286.



This preview shows how white text looks on a background with the Yxy color 25.8676, 0.3894, 0.2286.

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

25.8676, 0.3894, 0.2286

Protanopia

26.2570, 0.2245, 0.2102

Deuteranopia

25.9369, 0.2877, 0.2815



Tritanopia

25.8596, 0.4797, 0.3230

Trichromacy



Original Color

25.8676, 0.3894, 0.2286



Protanomaly

23.6726, 0.2674, 0.2086



Deuteranomaly

24.1247, 0.3222, 0.2528



Tritanomaly

25.5553, 0.4482, 0.2869

Monochromacy



Original Color

25.8676, 0.3894, 0.2286



Achromatopsia

24.2281, 0.3127, 0.3290



Achromatomaly

22.8946, 0.3412, 0.2759

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8676, 0.3894, 0.2286 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(233, 78, 175)` looks like.

```
.text, #text, p{  
    color:rgb(233, 78, 175)  
}
```

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(233, 78, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 78, 175) }
```

Border

The CSS property to change the border of an element to Yxy 25.8676, 0.3894, 0.2286 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(233, 78, 175) }
```

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

```
.border{ border-color:rgb(233, 78, 175) }
```

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

Here you see how a box with a 4 pixel rgb(233, 78, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 78, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 78, 175);  
box-shadow:4px 4px 4px 4px rgb(233, 78,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8676, 0.3894, 0.2286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 78, 175) }
```

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

```
.background{ background-color: rgb(233, 78,  
175) }
```

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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