

Converting Colors

$Y_{xy}(26.2946, 0.3722, 0.2162)$

Have a look what the booklet for
Yxy(26.2946, 0.3722, 0.2162)
contains.

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Color

Yxy(26.4033, 0.3719, 0.2163)

Conversions

Conversions Part 1

Format	Color
Hex	E94EBC
RGB	233, 78, 188
RGB Percent	91%, 31%, 74%
CMY	0.0864, 0.6939, 0.2628
CMYK	0.00, 0.66, 0.19, 0.09
HSL	317°, 78%, 61%
HSV	317°, 66%, 91%
XYZ	45.3971, 26.4033, 50.2676
YIQ	136.8850, 57.0700, 67.0700

Conversions

Conversions Part 2

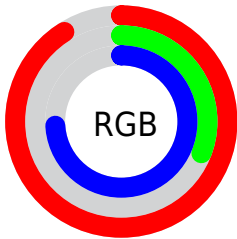
Format	Color
R _{YB}	233, 78, 188
Decimal	15290044
CIE _{Lab}	58.42, 70.07, -26.27
CIE _{LCh}	58, 74.836, 339.451
Y _{xy}	26.4033, 0.3719, 0.2163
Android (android.graphics.Color)	4293480124 (0xFFE94EBC)
YUV	136.8850, 25.1997, 84.2929
Hunter-Lab	51.3841, 67.7797, -22.0328

Details

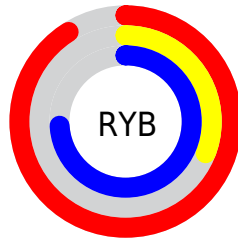
The Yxy color **26.4033, 0.3719, 0.2163** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **61.3154, 0.2849, 0.4871**, and the grayscale version is **24.8643, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.6830, 0.3275, 0.2249**, and **10.6055, 0.3873, 0.1907** is the 20% darker color. If you saturate the color by 10%, you get **23.3727, 0.3842, 0.2073**, and if you desaturate by 10%, it is **30.6223, 0.3601, 0.2292**.

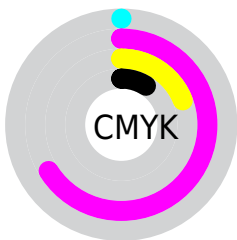
Distribution



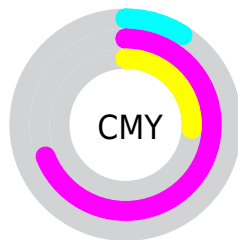
- Red (91%)
- Green (31%)
- Blue (74%)



- Red (91%)
- Yellow (31%)
- Blue (74%)



- Cyan (0%)
- Magenta (66%)
- Yellow (19%)
- Black (9%)





- Cyan (9%)
- Magenta (69%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4033, 0.3719, 0.2163 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 26.4033, 0.3719, 0.2163 by changing the saturation by 10% instead.


 26.4033, 0.3719,
0.2163


 26.4033, 0.3719,
0.2163


284.7563, 0.3426,
0.2716


 17.1256, 0.3790,
0.2030


 53.9249, 0.3614,
0.2361


 10.3241, 0.3881,
0.1864


 72.9375, 0.3574,
0.2436

 5.6144, 0.3998,
0.1650


 95.9639, 0.3540,
0.2500

 2.6120, 0.4154,
0.1369

 123.3885, 0.3510,
0.2555

 0.9327, 0.4369,
0.0994

155.5956, 0.3485,
0.2603

 0.0000, 0.4914,
0.0000

192.9697, 0.3463,


 0.0000, 0.5276,


0.2645


0.0000


235.8951, 0.3443,
0.2683


 0.0000, 0.0000,
0.0000


 26.4033, 0.3719,
0.2163


 26.4033, 0.3719,
0.2163


 23.3727, 0.3842,
0.2073


 30.6223, 0.3601,
0.2292

 21.3963, 0.3965,
0.2030


 36.1372, 0.3492,
0.2451

 20.3113, 0.4085,
0.2037

 43.0479, 0.3393,
0.2627

 20.0470, 0.4126,
0.2047


 51.4433, 0.3305,
0.2811

 61.4049, 0.3229,
0.2997

 73.0084, 0.3164,
0.3177

 86.3243, 0.3109,
0.3349

 95.2564, 0.3065,
0.3419

 95.6708, 0.3027,
0.3351

Harmonies

Analogous

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



26.4033, 0.2498, 0.1736



26.4033, 0.3719, 0.2163



26.4033, 0.4950, 0.2798

Triad

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



26.4033, 0.3719, 0.2163



26.4033, 0.4383, 0.5185



26.4033, 0.1210, 0.2311

Complementary

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



26.4033, 0.3719, 0.2163



61.3154, 0.2849, 0.4871

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.



26.4033, 0.1513, 0.3489



26.4033, 0.3719, 0.2163



26.4033, 0.3322, 0.5656

Square

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



26.4033, 0.3719, 0.2163



26.4033, 0.5221, 0.4338



26.4033, 0.2267, 0.4997



26.4033, 0.1277, 0.1736

Rectangle

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



26.4033, 0.3719, 0.2163



26.4033, 0.5427, 0.3278



26.4033, 0.2267, 0.4997



26.4033, 0.1265, 0.2631

Sweetspot

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



26.4046, 0.3719, 0.2163



70.7482, 0.3255, 0.2930



15.4708, 0.2127, 0.1293



14.4041, 0.3277, 0.2878



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.



26.4046, 0.3719, 0.2163



27.6019, 0.3890, 0.2051



23.9361, 0.4847, 0.2958



15.2349, 0.3182, 0.3124



11.4006, 0.4109, 0.2037



0.9118, 0.3954, 0.1952

Inverse Universe

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



26.4046, 0.3719, 0.2163



27.6019, 0.3890, 0.2051



64.0266, 0.2492, 0.3743



15.2349, 0.3182, 0.3124



11.4006, 0.4109, 0.2037



0.9118, 0.3954, 0.1952

Previews

White Background



This preview shows how the Yxy color 26.4033, 0.3719, 0.2163 looks on a white background.

Color Contrast Check

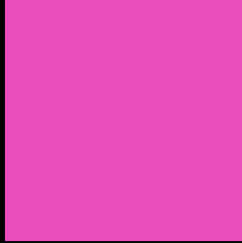
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4033, 0.3719, 0.2163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

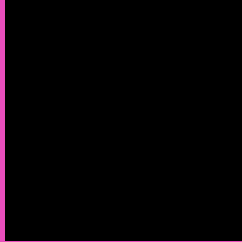
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4033, 0.3719, 0.2163

Background



This preview shows how black text looks on a background with the Yxy color 26.4033, 0.3719, 0.2163.

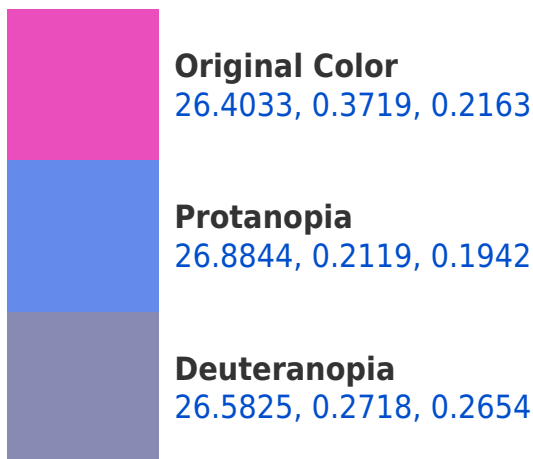


This preview shows how white text looks on a background with the Yxy color 26.4033, 0.3719, 0.2163.

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





Tritanopia

26.3446, 0.4711, 0.3217

Trichromacy



Original Color

26.4033, 0.3719, 0.2163



Protanomaly

23.8486, 0.2504, 0.1919



Deuteranomaly

24.5261, 0.3047, 0.2373



Tritanomaly

26.0899, 0.4370, 0.2809

Monochromacy



Original Color

26.4033, 0.3719, 0.2163



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

23.6617, 0.3348, 0.2707

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4033, 0.3719, 0.2163 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(233, 78, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 78, 188) }
```

Border

The CSS property to change the border of an element to Yxy 26.4033, 0.3719, 0.2163 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, 188) }
```

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

```
.border{ border-color:rgb(233, 78, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 78, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 78, 188);  
box-shadow:4px 4px 4px 4px rgb(233, 78,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4033, 0.3719, 0.2163 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, 188) }
```

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

```
.background{ background-color: rgb(233, 78,  
188) }
```

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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