

Converting Colors

$Y_{xy}(26.6636, 0.4401, 0.2819)$

Have a look what the booklet for
Yxy(26.6636, 0.4401, 0.2819)
contains.

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Color

Yxy(26.5877, 0.4403, 0.2817)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E85C88 |
| RGB | 232, 92, 136 |
| RGB Percent | 91%, 36%, 53% |
| CMY | 0.0901, 0.6393, 0.4666 |
| CMYK | 0.00, 0.60, 0.41, 0.09 |
| HSL | 341°, 75%, 64% |
| HSV | 341°, 60%, 91% |
| XYZ | 41.5568, 26.5877, 26.2385 |
| YIQ | 138.8760, 69.3160, 43.3640 |

Conversions

Conversions Part 2

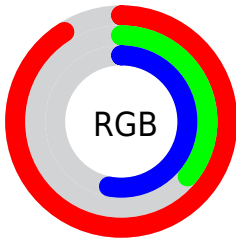
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 232, 92, 136 |
| Decimal | 15228040 |
| CIE Lab | 58.59, 57.98, 4.15 |
| CIE LCh | 59, 58.130, 4.091 |
| Yxy | 26.5877, 0.4403, 0.2817 |
| Android (android.graphics.Color) | 4293418120 (0xFFE85C88) |
| YUV | 138.8760, -1.4179, 81.6697 |
| Hunter-Lab | 51.5633, 53.6244, 5.9240 |

Details

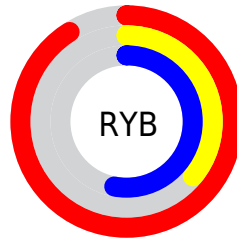
The Yxy color **26.5877, 0.4403, 0.2817** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **63.6330, 0.2589, 0.3889**, and the grayscale version is **25.7527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.1139, 0.3791, 0.2865**, and **10.4387, 0.4845, 0.2631** is the 20% darker color. If you saturate the color by 10%, you get **22.7478, 0.4749, 0.2784**, and if you desaturate by 10%, it is **31.7280, 0.4091, 0.2878**.

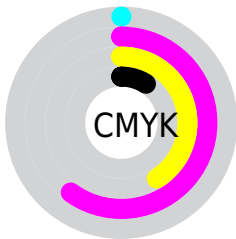
Distribution



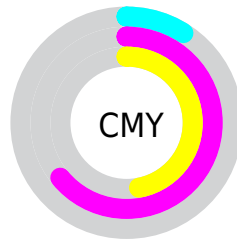
- Red (91%)
- Green (36%)
- Blue (53%)



- Red (91%)
- Yellow (36%)
- Blue (53%)



- Cyan (0%)
- Magenta (60%)
- Yellow (41%)
- Black (9%)



- Cyan (9%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5877, 0.4403, 0.2817 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 26.5877, 0.4403, 0.2817 by changing the saturation by 10% instead.


 26.5877, 0.4403,
0.2817


 26.5877, 0.4403,
0.2817


285.6553, 0.3708,
0.3082

 17.2638, 0.4596,
0.2741


 54.2215, 0.4136,
0.2920


 10.4228, 0.4854,
0.2637


 73.3003, 0.4040,
0.2957

 5.6802, 0.5217,
0.2489

 96.3995, 0.3961,
0.2987

 2.6516, 0.5757,
0.2261

 123.9034, 0.3894,
0.3012

 0.9527, 0.6638,
0.1886

156.1966, 0.3837,
0.3034

 0.0000, 1.0000,
0.0000

193.6634, 0.3788,

 0.0000, 0.0000,

0.3052

0.0000

236.6881, 0.3745,
0.3068

■ 26.5877, 0.4403,
0.2817

■ 26.5877, 0.4403,
0.2817

■ 22.7478, 0.4749,
0.2784

■ 31.7280, 0.4091,
0.2878

■ 20.0847, 0.5110,
0.2792

■ 38.2689, 0.3821,
0.2955

■ 18.4578, 0.5455,
0.2848

■ 46.3058, 0.3595,
0.3040

■ 17.6406, 0.5747,
0.2940

■ 55.9244, 0.3408,
0.3126

■ 67.2037, 0.3256,
0.3209

■ 80.2176, 0.3131,
0.3287

■ 95.0355, 0.3030,
0.3360

■ 95.9002, 0.2988,
0.3290

Harmonies

Analogous

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



26.5877, 0.3423, 0.2292



26.5877, 0.4403, 0.2817



26.5877, 0.4985, 0.3451

Triad

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



26.5877, 0.4403, 0.2817



26.5877, 0.3526, 0.5111



26.5877, 0.1556, 0.2095

Complementary

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



26.5877, 0.4403, 0.2817



63.6330, 0.2589, 0.3889

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.



26.5877, 0.1567, 0.2682



26.5877, 0.4403, 0.2817



26.5877, 0.2631, 0.4715

Square

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



26.5877, 0.4403, 0.2817



26.5877, 0.4365, 0.4774



26.5877, 0.1924, 0.3675



26.5877, 0.1859, 0.1882

Rectangle

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



26.5877, 0.4403, 0.2817



26.5877, 0.5017, 0.3901



26.5877, 0.1924, 0.3675



26.5877, 0.1524, 0.2245

Sweetspot

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



26.5891, 0.4403, 0.2817



72.2664, 0.3371, 0.3145



24.1293, 0.2747, 0.1697



14.6482, 0.3420, 0.3120



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.



26.5891, 0.4403, 0.2817



27.4058, 0.4822, 0.2782



30.8086, 0.4825, 0.3568



14.4423, 0.3243, 0.3216



9.8109, 0.5705, 0.2916



0.7413, 0.5290, 0.2688

Inverse Universe

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



26.5891, 0.4403, 0.2817



27.4058, 0.4822, 0.2782



52.4140, 0.2313, 0.2947



14.4423, 0.3243, 0.3216



9.8109, 0.5705, 0.2916



0.7413, 0.5290, 0.2688

Previews

White Background



This preview shows how the Yxy color 26.5877, 0.4403, 0.2817 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 26.5877, 0.4403, 0.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

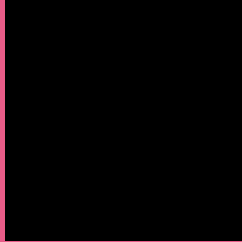
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5877, 0.4403, 0.2817

Background



This preview shows how black text looks on a background with the Yxy color 26.5877, 0.4403, 0.2817.



This preview shows how white text looks on a background with the Yxy color 26.5877, 0.4403, 0.2817.

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

26.5877, 0.4403, 0.2817

Protanopia

26.7549, 0.2868, 0.2907

Deuteranopia

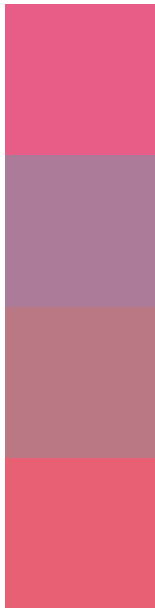
26.5642, 0.3465, 0.3401



Tritanopia

26.5783, 0.4792, 0.3220

Trichromacy



Original Color

26.5877, 0.4403, 0.2817

Protanomaly

25.2697, 0.3360, 0.2837

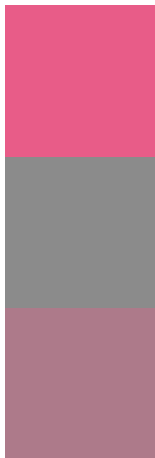
Deuteranomaly

25.5380, 0.3806, 0.3122

Tritanomaly

26.6156, 0.4661, 0.3079

Monochromacy



Original Color

26.5877, 0.4403, 0.2817

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.6383, 0.3566, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5877, 0.4403, 0.2817 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, 92, 136)` looks like.

```
.text, #text, p{  
    color:rgb(232, 92, 136)  
}
```

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, 92, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 92, 136) }
```

Border

The CSS property to change the border of an element to Yxy 26.5877, 0.4403, 0.2817 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, 92, 136) }
```

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

```
.border{ border-color:rgb(232, 92, 136) }
```

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

Here you see how a box with a 4 pixel rgb(232, 92, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 92, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 92, 136);  
box-shadow:4px 4px 4px 4px rgb(232, 92,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5877, 0.4403, 0.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 92, 136) }
```

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

```
.background{ background-color: rgb(232, 92,  
136) }
```

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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