

Converting Colors

$Y_{xy}(25.2838, 0.4307, 0.2609)$

Have a look what the booklet for
Yxy(25.2838, 0.4307, 0.2609)
contains.

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Color

Yxy(25.2838, 0.4307, 0.2609)

Conversions

Conversions Part 1

Format	Color
Hex	E95192
RGB	233, 81, 146
RGB Percent	91%, 32%, 57%
CMY	0.0862, 0.6824, 0.4273
CMYK	0.00, 0.65, 0.37, 0.09
HSL	334°, 78%, 62%
HSV	334°, 65%, 91%
XYZ	41.7391, 25.2838, 29.8870
YIQ	133.8580, 69.7270, 52.4390

Conversions

Conversions Part 2

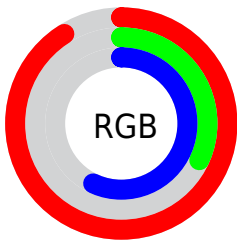
Format	Color
R _Y B	233, 81, 146
Decimal	15290770
CIE Lab	57.35, 63.88, -3.51
CIE LCh	57, 63.977, 356.854
Yxy	25.2838, 0.4307, 0.2609
Android (android.graphics.Color)	4293480850 (0xFFE95192)
YUV	133.8580, 5.9860, 86.9475
Hunter-Lab	50.2830, 60.1747, -0.0425

Details

The Yxy color **25.2838, 0.4307, 0.2609** 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 **62.8580, 0.2648, 0.4204**, and the grayscale version is **23.7438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.6071, 0.3700, 0.2655**, and **9.7722, 0.4715, 0.2379** is the 20% darker color. If you saturate the color by 10%, you get **22.0054, 0.4594, 0.2571**, and if you desaturate by 10%, it is **29.8007, 0.4042, 0.2684**.

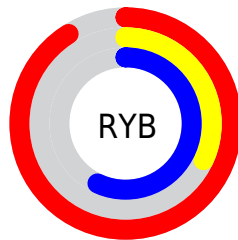
Distribution



Red (91%)

Green (32%)

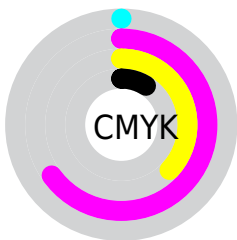
Blue (57%)



Red (91%)

Yellow (32%)

Blue (57%)

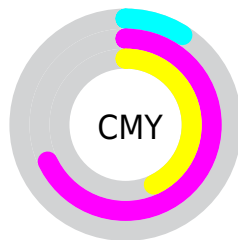


Cyan (0%)

Magenta (65%)

Yellow (37%)

Black (9%)



Cyan (9%)


Magenta (68%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2838, 0.4307, 0.2609 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 25.2838, 0.4307, 0.2609 by changing the saturation by 10% instead.


 25.2838, 0.4307,
0.2609


 25.2838, 0.4307,
0.2609


279.2483, 0.3667,
0.2973


 16.2886, 0.4483,
0.2511


 52.1173, 0.4062,
0.2747


 9.7286, 0.4720,
0.2380


 70.7243, 0.3974,
0.2797

 5.2194, 0.5052,
0.2200

 93.3041, 0.3901,
0.2839

 2.3766, 0.5545,
0.1936

 120.2411, 0.3839,
0.2874

 0.8138, 0.6340,
0.1523

151.9196, 0.3787,
0.2904

 0.0000, 1.0000,
0.0000

188.7241, 0.3741,

 0.0000, 0.0000,

0.2930

0.0000

231.0388, 0.3702,
0.2953

■ 25.2838, 0.4307,
0.2609

■ 25.2838, 0.4307,
0.2609

■ 22.0054, 0.4594,
0.2571

■ 29.8007, 0.4042,
0.2684

■ 19.8324, 0.4889,
0.2583

■ 35.6631, 0.3807,
0.2783

■ 18.6079, 0.5171,
0.2648

■ 42.9709, 0.3606,
0.2895


■ 18.2393, 0.5299,
0.2693

■ 51.8132, 0.3436,
0.3011

■ 62.2720, 0.3296,
0.3126

 74.4234, 0.3179,
0.3235

 88.3388, 0.3084,
0.3338

 95.9170, 0.3006,
0.3313

 96.0652, 0.2993,
0.3290

Harmonies

Analogous

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



25.2838, 0.3176, 0.2090



25.2838, 0.4307, 0.2609



25.2838, 0.5104, 0.3264

Triad

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



25.2838, 0.4307, 0.2609



25.2838, 0.3767, 0.5283



25.2838, 0.1390, 0.2079

Complementary

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



25.2838, 0.4307, 0.2609



62.8580, 0.2648, 0.4204

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.



25.2838, 0.1477, 0.2823



25.2838, 0.4307, 0.2609



25.2838, 0.2783, 0.5110

Square

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



25.2838, 0.4307, 0.2609



25.2838, 0.4647, 0.4729



25.2838, 0.1944, 0.4026



25.2838, 0.1632, 0.1776

Rectangle

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



25.2838, 0.4307, 0.2609



25.2838, 0.5241, 0.3737



25.2838, 0.1944, 0.4026



25.2838, 0.1381, 0.2272

Sweetspot

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



25.2852, 0.4307, 0.2609



69.9268, 0.3361, 0.3070



19.9976, 0.2531, 0.1506



14.2070, 0.3401, 0.3038



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.



25.2852, 0.4307, 0.2609



26.0270, 0.4687, 0.2569



25.4230, 0.5185, 0.3394



15.1610, 0.3226, 0.3190



10.3722, 0.5260, 0.2671



0.8334, 0.4908, 0.2477

Inverse Universe

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



25.2852, 0.4307, 0.2609



26.0270, 0.4687, 0.2569



60.3411, 0.2325, 0.3156



15.1610, 0.3226, 0.3190



10.3722, 0.5260, 0.2671



0.8334, 0.4908, 0.2477

Previews

White Background



This preview shows how the Yxy color 25.2838, 0.4307, 0.2609 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 25.2838, 0.4307, 0.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

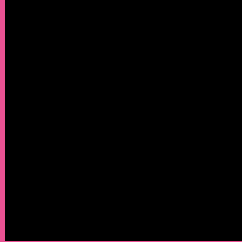
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2838, 0.4307, 0.2609

Background



This preview shows how black text looks on a background with the Yxy color 25.2838, 0.4307, 0.2609.



This preview shows how white text looks on a background with the Yxy color 25.2838, 0.4307, 0.2609.

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

25.2838, 0.4307, 0.2609

Protanopia

25.7043, 0.2611, 0.2582

Deuteranopia

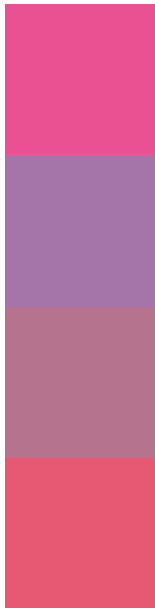
25.4645, 0.3278, 0.3226



Tritanopia

25.3591, 0.4929, 0.3233

Trichromacy



Original Color

25.2838, 0.4307, 0.2609

Protanomaly

23.5865, 0.3116, 0.2531

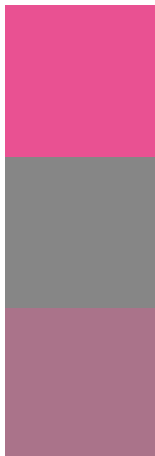
Deuteranomaly

24.0083, 0.3647, 0.2919

Tritanomaly

25.2062, 0.4721, 0.3010

Monochromacy



Original Color

25.2838, 0.4307, 0.2609

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.6425, 0.3549, 0.2944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2838, 0.4307, 0.2609 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, 81, 146)` looks like.

```
.text, #text, p{  
    color:rgb(233, 81, 146)  
}
```

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, 81, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 81, 146) }
```

Border

The CSS property to change the border of an element to Yxy 25.2838, 0.4307, 0.2609 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, 81, 146) }
```

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

```
.border{ border-color:rgb(233, 81, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 81, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 81, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 81, 146);  
box-shadow:4px 4px 4px 4px rgb(233, 81,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2838, 0.4307, 0.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 81, 146) }
```

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

```
.background{ background-color: rgb(233, 81,  
146) }
```

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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