

Converting Colors

$Y_{xy}(26.2859, 0.4256, 0.2660)$

Have a look what the booklet for
Yxy(26.2859, 0.4256, 0.2660)
contains.

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Color

Yxy(26.2418, 0.4258, 0.2658)

Conversions

Conversions Part 1

Format	Color
Hex	E85893
RGB	232, 88, 147
RGB Percent	91%, 35%, 58%
CMY	0.0901, 0.6549, 0.4236
CMYK	0.00, 0.62, 0.37, 0.09
HSL	335°, 76%, 63%
HSV	335°, 62%, 91%
XYZ	42.0382, 26.2418, 30.4476
YIQ	137.7820, 66.8850, 48.8770

Conversions

Conversions Part 2

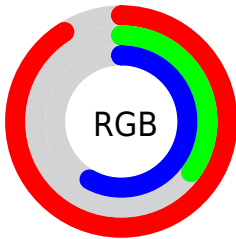
Format	Color
R _Y B	232, 88, 147
Decimal	15227027
CIE Lab	58.27, 60.84, -2.74
CIE LCh	58, 60.904, 357.420
Yxy	26.2418, 0.4258, 0.2658
Android (android.graphics.Color)	4293417107 (0xFFE85893)
YUV	137.7820, 4.5445, 82.6292
Hunter-Lab	51.2268, 56.8357, 0.6186

Details

The Yxy color **26.2418, 0.4258, 0.2658** 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 **62.8155, 0.2646, 0.4111**, and the grayscale version is **25.2909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.7278, 0.3675, 0.2715**, and **10.2465, 0.4639, 0.2441** is the 20% darker color. If you saturate the color by 10%, you get **22.6168, 0.4551, 0.2611**, and if you desaturate by 10%, it is **31.1322, 0.3992, 0.2738**.

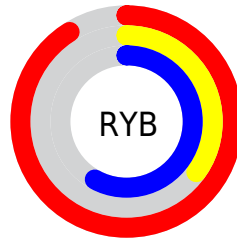
Distribution



Red (91%)

Green (35%)

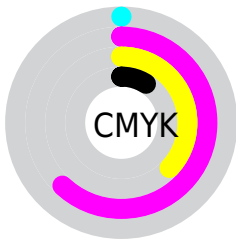
Blue (58%)



Red (91%)

Yellow (35%)

Blue (58%)

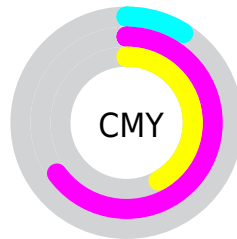


Cyan (0%)

Magenta (62%)

Yellow (37%)

Black (9%)



Cyan (9%)


Magenta (65%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2418, 0.4258, 0.2658 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 26.2418, 0.4258, 0.2658 by changing the saturation by 10% instead.

 26.2418, 0.4258,
0.2658


 26.2418, 0.4258,
0.2658


283.9670, 0.3646,
0.2996


 17.0046, 0.4426,
0.2567


 53.6648, 0.4025,
0.2786

 10.2378, 0.4651,
0.2445


 72.6194, 0.3940,
0.2832

 5.5569, 0.4966,
0.2277

 95.5819, 0.3870,
0.2871

 2.5776, 0.5435,
0.2031

 122.9367, 0.3811,
0.2904

 0.9154, 0.6188,
0.1645

155.0682, 0.3761,
0.2932

 0.0000, 1.0000,
0.0000

192.3609, 0.3718,

 0.0000, 0.0000,

0.2956

0.0000

235.1990, 0.3680,
0.2977

■ 26.2418, 0.4258,
0.2658

■ 26.2418, 0.4258,
0.2658

■ 22.6168, 0.4551,
0.2611

■ 31.1322, 0.3992,
0.2738

■ 20.1318, 0.4856,
0.2610

■ 37.3897, 0.3759,
0.2837

■ 18.6424, 0.5154,
0.2661


■ 45.1099, 0.3562,
0.2947

■ 17.9856, 0.5374,
0.2734

■ 54.3790, 0.3397,
0.3058

■ 65.2761, 0.3260,
0.3166

 77.8752, 0.3148,
0.3269

 92.2454, 0.3056,
0.3366

 95.8987, 0.2988,
0.3290

Harmonies

Analogous

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



26.2418, 0.3198, 0.2154



26.2418, 0.4258, 0.2658



26.2418, 0.4999, 0.3293

Triad

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



26.2418, 0.4258, 0.2658



26.2418, 0.3737, 0.5176



26.2418, 0.1468, 0.2137

Complementary

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



26.2418, 0.4258, 0.2658



62.8155, 0.2646, 0.4111

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.



26.2418, 0.1551, 0.2842



26.2418, 0.4258, 0.2658



26.2418, 0.2798, 0.4973

Square

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



26.2418, 0.4258, 0.2658



26.2418, 0.4573, 0.4689



26.2418, 0.2000, 0.3960



26.2418, 0.1708, 0.1844

Rectangle

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



26.2418, 0.4258, 0.2658



26.2418, 0.5128, 0.3752



26.2418, 0.2000, 0.3960



26.2418, 0.1459, 0.2321

Sweetspot

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



26.2432, 0.4258, 0.2658



71.1806, 0.3353, 0.3091



21.5770, 0.2592, 0.1594



14.4485, 0.3395, 0.3059



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.



26.2432, 0.4258, 0.2658



27.1928, 0.4621, 0.2606



26.9766, 0.5017, 0.3418



14.4654, 0.3228, 0.3194



10.0068, 0.5333, 0.2711



0.7575, 0.4952, 0.2501

Inverse Universe

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



26.2432, 0.4258, 0.2658



27.1928, 0.4621, 0.2606



59.0961, 0.2342, 0.3131



14.4654, 0.3228, 0.3194



10.0068, 0.5333, 0.2711



0.7575, 0.4952, 0.2501

Previews

White Background



This preview shows how the Yxy color 26.2418, 0.4258, 0.2658 looks on a white background.

Color Contrast Check

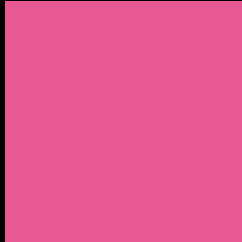
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2418, 0.4258, 0.2658 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 26.2418, 0.4258, 0.2658

Background



This preview shows how black text looks on a background with the Yxy color 26.2418, 0.4258, 0.2658.



This preview shows how white text looks on a background with the Yxy color 26.2418, 0.4258, 0.2658.

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

26.2418, 0.4258, 0.2658

Protanopia

26.4657, 0.2674, 0.2663

Deuteranopia

26.3718, 0.3287, 0.3227



Tritanopia

26.2069, 0.4802, 0.3220

Trichromacy



Original Color

26.2418, 0.4258, 0.2658



Protanomaly

24.4385, 0.3159, 0.2606



Deuteranomaly

25.1219, 0.3621, 0.2949



Tritanomaly

26.1845, 0.4605, 0.3012

Monochromacy



Original Color

26.2418, 0.4258, 0.2658



Achromatopsia

25.4152, 0.3127, 0.3290



Achromatomaly

24.1267, 0.3522, 0.2978

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2418, 0.4258, 0.2658 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, 88, 147)` looks like.

```
.text, #text, p{  
    color:rgb(232, 88, 147)  
}
```

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, 88, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 88, 147) }
```

Border

The CSS property to change the border of an element to Yxy 26.2418, 0.4258, 0.2658 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, 88, 147) }
```

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

```
.border{ border-color:rgb(232, 88, 147) }
```

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

Here you see how a box with a 4 pixel rgb(232, 88, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 88, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 88, 147);  
box-shadow:4px 4px 4px 4px rgb(232, 88,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2418, 0.4258, 0.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 88, 147) }
```

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

```
.background{ background-color: rgb(232, 88,  
147) }
```

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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