

Converting Colors

$Y_{xy}(26.3418, 0.4264, 0.2568)$

Have a look what the booklet for
Yxy(26.3418, 0.4264, 0.2568)
contains.

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Color

Yxy(26.3061, 0.4259, 0.2569)

Conversions

Conversions Part 1

Format	Color
Hex	ED5298
RGB	237, 82, 152
RGB Percent	93%, 32%, 60%
CMY	0.0706, 0.6784, 0.4040
CMYK	0.00, 0.65, 0.36, 0.07
HSL	333°, 81%, 63%
HSV	333°, 65%, 93%
XYZ	43.6114, 26.3061, 32.4807
YIQ	136.3250, 69.9100, 54.6300

Conversions

Conversions Part 2

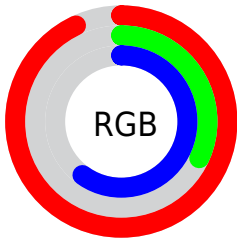
Format	Color
R _Y B	237, 82, 152
Decimal	15553176
CIE Lab	58.33, 65.27, -5.49
CIE LCh	58, 65.505, 355.196
Yxy	26.3061, 0.4259, 0.2569
Android (android.graphics.Color)	4293743256 (0xFFED5298)
YUV	136.3250, 7.7278, 88.2920
Hunter-Lab	51.2895, 62.0218, -1.6447

Details

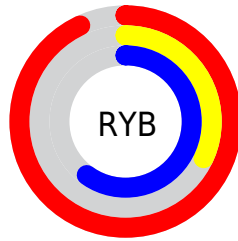
The Yxy color **26.3061, 0.4259, 0.2569** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **65.1581, 0.2665, 0.4262**, and the grayscale version is **24.6999, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.4724, 0.3634, 0.2617**, and **10.3084, 0.4655, 0.2342** is the 20% darker color. If you saturate the color by 10%, you get **22.9264, 0.4532, 0.2527**, and if you desaturate by 10%, it is **30.9691, 0.4007, 0.2649**.

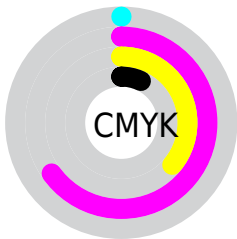
Distribution



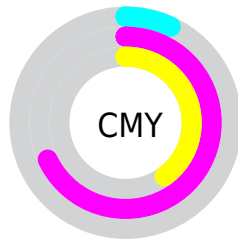
- Red (93%)
- Green (32%)
- Blue (60%)



- Red (93%)
- Yellow (32%)
- Blue (60%)



- Cyan (0%)
- Magenta (65%)
- Yellow (36%)
- Black (7%)





- Cyan (7%)
- Magenta (68%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3061, 0.4259, 0.2569 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 26.3061, 0.4259, 0.2569 by changing the saturation by 10% instead.


 26.3061, 0.4259,
0.2569


 26.3061, 0.4259,
0.2569


284.2815, 0.3651,
0.2949


 17.0528, 0.4424,
0.2469

 53.7684, 0.4028,
0.2711


 10.2721, 0.4645,
0.2337


 72.7461, 0.3944,
0.2763

 5.5798, 0.4951,
0.2157


 95.7340, 0.3875,
0.2807

 2.5913, 0.5403,
0.1899

 123.1166, 0.3816,
0.2844

 0.9223, 0.6120,
0.1507

155.2783, 0.3766,
0.2876

 0.0000, 0.8956,
0.0000

192.6034, 0.3722,

 0.0000, 1.0000,

0.2903

0.0000

235.4763, 0.3684,
0.2927

■ 0.0000, 0.0000,
0.0000

■ 26.3061, 0.4259,
0.2569

■ 26.3061, 0.4259,
0.2569

■ 22.9264, 0.4532,
0.2527

■ 30.9691, 0.4007,
0.2649

■ 20.6908, 0.4812,
0.2535

■ 37.0268, 0.3783,
0.2753


■ 19.4352, 0.5082,
0.2597


■ 44.5836, 0.3590,
0.2871


■ 19.0679, 0.5201,
0.2639

■ 53.7323, 0.3427,
0.2994

■ 64.5583, 0.3291,
0.3114

 77.1408, 0.3179,
0.3230

 91.5541, 0.3087,
0.3339

 96.7460, 0.3017,
0.3290

Harmonies

Analogous

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



26.3061, 0.3115, 0.2057



26.3061, 0.4259, 0.2569



26.3061, 0.5097, 0.3223

Triad

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



26.3061, 0.4259, 0.2569



26.3061, 0.3822, 0.5285



26.3061, 0.1373, 0.2096

Complementary

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



26.3061, 0.4259, 0.2569



65.1581, 0.2665, 0.4262

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.



26.3061, 0.1478, 0.2873



26.3061, 0.4259, 0.2569



26.3061, 0.2831, 0.5169

Square

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



26.3061, 0.4259, 0.2569



26.3061, 0.4698, 0.4698



26.3061, 0.1971, 0.4107



26.3061, 0.1598, 0.1771

Rectangle

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



26.3061, 0.4259, 0.2569



26.3061, 0.5262, 0.3697



26.3061, 0.1971, 0.4107



26.3061, 0.1370, 0.2298

Sweetspot

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



26.3075, 0.4259, 0.2569



69.9933, 0.3352, 0.3058



20.1139, 0.2480, 0.1478



14.2229, 0.3391, 0.3024



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.



26.3075, 0.4259, 0.2569



26.1705, 0.4613, 0.2524



25.4589, 0.5238, 0.3344



15.1671, 0.3222, 0.3184



10.4352, 0.5161, 0.2617



0.8386, 0.4822, 0.2430

Inverse Universe

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



26.3075, 0.4259, 0.2569



26.1705, 0.4613, 0.2524



65.5331, 0.2339, 0.3222



15.1671, 0.3222, 0.3184



10.4352, 0.5161, 0.2617



0.8386, 0.4822, 0.2430

Previews

White Background



This preview shows how the Yxy color 26.3061, 0.4259, 0.2569 looks on a white background.

Color Contrast Check

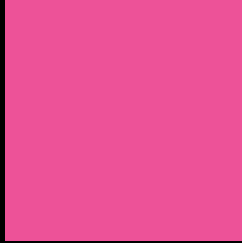
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3061, 0.4259, 0.2569 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 26.3061, 0.4259, 0.2569

Background



This preview shows how black text looks on a background with the Yxy color 26.3061, 0.4259, 0.2569.



This preview shows how white text looks on a background with the Yxy color 26.3061, 0.4259, 0.2569.

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

26.3061, 0.4259, 0.2569

Protanopia

26.5750, 0.2563, 0.2520

Deuteranopia

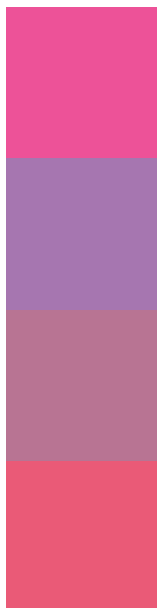
26.3942, 0.3233, 0.3164



Tritanopia

26.2491, 0.4916, 0.3234

Trichromacy



Original Color

26.3061, 0.4259, 0.2569

Protanomaly

24.1984, 0.3053, 0.2459

Deuteranomaly

24.7877, 0.3603, 0.2856

Tritanomaly

26.1367, 0.4682, 0.2991

Monochromacy



Original Color

26.3061, 0.4259, 0.2569

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.3280, 0.3532, 0.2906

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3061, 0.4259, 0.2569 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(237, 82, 152)` looks like.

```
.text, #text, p{  
    color:rgb(237, 82, 152)  
}
```

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(237, 82, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 82, 152) }
```

Border

The CSS property to change the border of an element to Yxy 26.3061, 0.4259, 0.2569 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(237, 82, 152) }
```

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

```
.border{ border-color:rgb(237, 82, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 82, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 82, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 82, 152);  
box-shadow:4px 4px 4px 4px rgb(237, 82,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3061, 0.4259, 0.2569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 82, 152) }
```

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

```
.background{ background-color: rgb(237, 82,  
152) }
```

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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