

Converting Colors

$Y_{xy}(26.1353, 0.4687, 0.2827)$

Have a look what the booklet for
Yxy(26.1353, 0.4687, 0.2827)
contains.

Yxy(26.1469, 0.4693, 0.2833)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.1469, 0.4693, 0.2833)

Conversions

Conversions Part 1

Format	Color
Hex	F2507F
RGB	242, 80, 127
RGB Percent	95%, 31%, 50%
CMY	0.0510, 0.6862, 0.5021
CMYK	0.00, 0.67, 0.48, 0.05
HSL	343°, 86%, 63%
HSV	343°, 67%, 95%
XYZ	43.3136, 26.1469, 22.8335
YIQ	133.7960, 81.4650, 48.9610

Conversions

Conversions Part 2

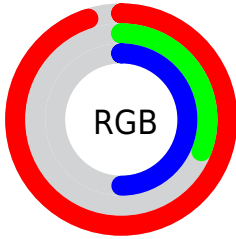
Format	Color
R _Y B	242, 80, 127
Decimal	15880319
CIE Lab	58.18, 65.04, 9.07
CIE LCh	58, 65.672, 7.936
Yxy	26.1469, 0.4693, 0.2833
Android (android.graphics.Color)	4294070399 (0xFFFF2507F)
YUV	133.7960, -3.3504, 94.8949
Hunter-Lab	51.1340, 61.7156, 9.3183

Details

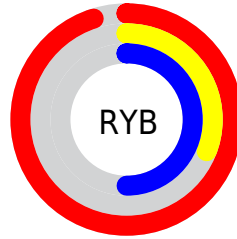
The Yxy color **26.1469, 0.4693, 0.2833** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **69.1472, 0.2542, 0.3913**, and the grayscale version is **23.7547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.6916, 0.3925, 0.2866**, and **10.2534, 0.5236, 0.2658** is the 20% darker color. If you saturate the color by 10%, you get **22.8084, 0.5067, 0.2831**, and if you desaturate by 10%, it is **30.8401, 0.4341, 0.2871**.

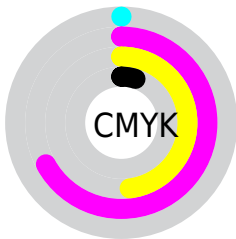
Distribution



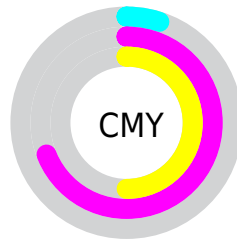
- Red (95%)
- Green (31%)
- Blue (50%)



- Red (95%)
- Yellow (31%)
- Blue (50%)



- Cyan (0%)
- Magenta (67%)
- Yellow (48%)
- Black (5%)




- Cyan (5%)
- Magenta (69%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1469, 0.4693, 0.2833 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 26.1469, 0.4693, 0.2833 by changing the saturation by 10% instead.


 26.1469, 0.4693,
0.2833


 26.1469, 0.4693,
0.2833


283.5025, 0.3837,
0.3101


 16.9336, 0.4929,
0.2752


 53.5118, 0.4365,
0.2940


 10.1871, 0.5244,
0.2640


 72.4322, 0.4247,
0.2978

 5.5232, 0.5682,
0.2476


 95.3571, 0.4149,
0.3008

 2.5574, 0.6318,
0.2219

 122.6709, 0.4067,
0.3033

 0.9053, 0.7457,
0.1831

154.7579, 0.3996,
0.3054

 0.0000, 1.0000,
0.0000

192.0025, 0.3936,

 0.0000, 0.0000,

0.3072

0.0000

234.7893, 0.3883,
0.3087

■ 26.1469, 0.4693,
0.2833

■ 26.1469, 0.4693,
0.2833

■ 22.8084, 0.5067,
0.2831

■ 30.8401, 0.4341,
0.2871

■ 20.6720, 0.5432,
0.2873

■ 37.0102, 0.4029,
0.2933


■ 19.5506, 0.5752,
0.2961


■ 44.7705, 0.3763,
0.3007


■ 19.3195, 0.5839,
0.2990

■ 54.2222, 0.3542,
0.3086

■ 65.4578, 0.3361,
0.3165

 78.5631, 0.3213,
0.3241

 93.6185, 0.3093,
0.3311

 97.6155, 0.3047,
0.3290

Harmonies

Analogous

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



26.1469, 0.3601, 0.2246



26.1469, 0.4693, 0.2833



26.1469, 0.5251, 0.3521

Triad

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



26.1469, 0.4693, 0.2833



26.1469, 0.3402, 0.5367



26.1469, 0.1424, 0.1906

Complementary

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



26.1469, 0.4693, 0.2833



69.1472, 0.2542, 0.3913

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.



26.1469, 0.1385, 0.2476



26.1469, 0.4693, 0.2833



26.1469, 0.2429, 0.4815

Square

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



26.1469, 0.4693, 0.2833



26.1469, 0.4357, 0.4997



26.1469, 0.1705, 0.3549



26.1469, 0.1791, 0.1733

Rectangle

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



26.1469, 0.4693, 0.2833



26.1469, 0.5201, 0.4012



26.1469, 0.1705, 0.3549



26.1469, 0.1374, 0.2045

Sweetspot

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



26.1484, 0.4693, 0.2833



69.5488, 0.3413, 0.3141



23.5417, 0.2716, 0.1560



14.1173, 0.3464, 0.3118



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.



26.1484, 0.4693, 0.2833



24.7563, 0.5190, 0.2840



31.1362, 0.5086, 0.3607



15.8342, 0.3248, 0.3222



10.4001, 0.5797, 0.2967



0.8818, 0.5424, 0.2762

Inverse Universe

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



26.1484, 0.4693, 0.2833



24.7563, 0.5190, 0.2840



54.0115, 0.2243, 0.2866



15.8342, 0.3248, 0.3222



10.4001, 0.5797, 0.2967



0.8818, 0.5424, 0.2762

Previews

White Background



This preview shows how the Yxy color 26.1469, 0.4693, 0.2833 looks on a white background.

Color Contrast Check

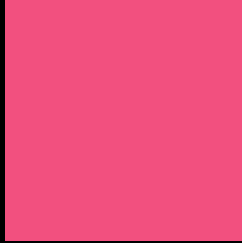
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1469, 0.4693, 0.2833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

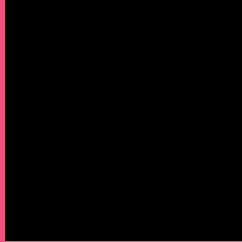
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1469, 0.4693, 0.2833

Background



This preview shows how black text looks on a background with the Yxy color 26.1469, 0.4693, 0.2833.



This preview shows how white text looks on a background with the Yxy color 26.1469, 0.4693, 0.2833.

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

26.1469, 0.4693, 0.2833

Protanopia

26.3217, 0.2903, 0.2951

Deuteranopia

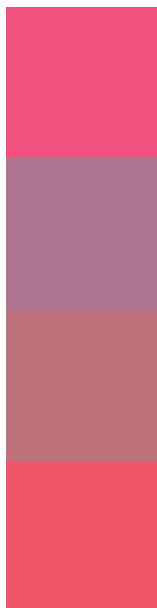
26.2369, 0.3605, 0.3544



Tritanopia

26.1144, 0.5135, 0.3249

Trichromacy



Original Color

26.1469, 0.4693, 0.2833

Protanomaly

24.2089, 0.3477, 0.2853

Deuteranomaly

24.6138, 0.4009, 0.3195

Tritanomaly

26.0613, 0.4985, 0.3094

Monochromacy



Original Color

26.1469, 0.4693, 0.2833

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.5576, 0.3681, 0.3036

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1469, 0.4693, 0.2833 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(242, 80, 127)` looks like.

```
.text, #text, p{  
    color:rgb(242, 80, 127)  
}
```

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(242, 80, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 80, 127) }
```

Border

The CSS property to change the border of an element to Yxy 26.1469, 0.4693, 0.2833 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(242, 80, 127) }
```

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

```
.border{ border-color:rgb(242, 80, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 80, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 80, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 80, 127);  
box-shadow:4px 4px 4px 4px rgb(242, 80,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1469, 0.4693, 0.2833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 80, 127) }
```

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

```
.background{ background-color: rgb(242, 80,  
127) }
```

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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