

Converting Colors

$Y_{xy}(26.1619, 0.4471, 0.2824)$

Have a look what the booklet for
Yxy(26.1619, 0.4471, 0.2824)
contains.

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Color

Yxy(26.1619, 0.4471, 0.2824)

Conversions

Conversions Part 1

Format	Color
Hex	E95985
RGB	233, 89, 133
RGB Percent	91%, 35%, 52%
CMY	0.0861, 0.6511, 0.4784
CMYK	0.00, 0.62, 0.43, 0.09
HSL	342°, 77%, 63%
HSV	342°, 62%, 91%
XYZ	41.4199, 26.1619, 25.0595
YIQ	137.0720, 71.7000, 44.2120

Conversions

Conversions Part 2

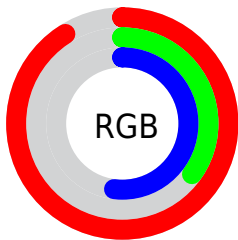
Format	Color
R_{YB}	233, 89, 133
Decimal	15292805
CIE _{Lab}	58.19, 59.29, 5.35
CIE _{LCh}	58, 59.531, 5.155
Yxy	26.1619, 0.4471, 0.2824
Android (android.graphics.Color)	4293482885 (0xFFE95985)
YUV	137.0720, -2.0075, 84.1289
Hunter-Lab	51.1487, 55.0380, 6.7559

Details

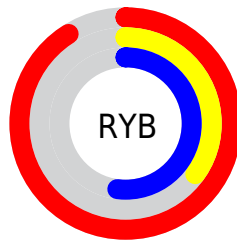
The Yxy color **26.1619, 0.4471, 0.2824** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **64.0957, 0.2576, 0.3889**, and the grayscale version is **25.0293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.0560, 0.3830, 0.2865**, and **10.2631, 0.4946, 0.2644** is the 20% darker color. If you saturate the color by 10%, you get **22.4678, 0.4826, 0.2799**, and if you desaturate by 10%, it is **31.1546, 0.4148, 0.2879**.

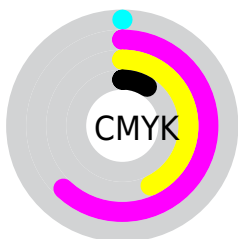
Distribution



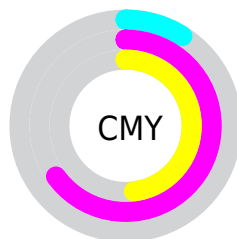
- Red (91%)
- Green (35%)
- Blue (52%)



- Red (91%)
- Yellow (35%)
- Blue (52%)



- Cyan (0%)
- Magenta (62%)
- Yellow (43%)
- Black (9%)





- Cyan (9%)
- Magenta (65%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1619, 0.4471, 0.2824 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 26.1619, 0.4471, 0.2824 by changing the saturation by 10% instead.


 26.1619, 0.4471,
0.2824


 26.1619, 0.4471,
0.2824


283.5759, 0.3736,
0.3088


 16.9448, 0.4675,
0.2747


 53.5360, 0.4189,
0.2928

 10.1951, 0.4949,
0.2641


 72.4618, 0.4087,
0.2965

 5.5285, 0.5333,
0.2489

 95.3926, 0.4004,
0.2994

 2.5606, 0.5904,
0.2252

 122.7129, 0.3933,
0.3019

 0.9069, 0.6864,
0.1871

154.8069, 0.3873,
0.3041

 0.0000, 1.0000,
0.0000

192.0592, 0.3821,

 0.0000, 0.0000,

0.3059

0.0000

234.8541, 0.3776,
0.3074

■ 26.1619, 0.4471,
0.2824

■ 26.1619, 0.4471,
0.2824

■ 22.4678, 0.4826,
0.2799

■ 31.1546, 0.4148,
0.2879

■ 19.9444, 0.5191,
0.2814

■ 37.5494, 0.3868,
0.2953


■ 18.4451, 0.5534,
0.2878


■ 45.4440, 0.3632,
0.3035


■ 17.7880, 0.5779,
0.2957

■ 54.9262, 0.3437,
0.3118

■ 66.0770, 0.3278,
0.3200

 78.9718, 0.3148,
0.3277

 93.6814, 0.3042,
0.3348

 96.0700, 0.2994,
0.3290

Harmonies

Analogous

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



26.1619, 0.3467, 0.2284



26.1619, 0.4471, 0.2824



26.1619, 0.5046, 0.3471

Triad

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



26.1619, 0.4471, 0.2824



26.1619, 0.3495, 0.5167



26.1619, 0.1526, 0.2050

Complementary

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



26.1619, 0.4471, 0.2824



64.0957, 0.2576, 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.



26.1619, 0.1525, 0.2632



26.1619, 0.4471, 0.2824



26.1619, 0.2583, 0.4734

Square

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



26.1619, 0.4471, 0.2824



26.1619, 0.4361, 0.4827



26.1619, 0.1872, 0.3643



26.1619, 0.1846, 0.1848

Rectangle

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



26.1619, 0.4471, 0.2824



26.1619, 0.5059, 0.3930



26.1619, 0.1872, 0.3643



26.1619, 0.1490, 0.2197

Sweetspot

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



26.1633, 0.4471, 0.2824



70.9076, 0.3390, 0.3141



23.6423, 0.2735, 0.1663



14.3831, 0.3440, 0.3117



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.



26.1633, 0.4471, 0.2824



26.6463, 0.4919, 0.2798



30.3995, 0.4887, 0.3572



15.1299, 0.3245, 0.3218



10.1089, 0.5739, 0.2935



0.8104, 0.5345, 0.2718

Inverse Universe

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



26.1633, 0.4471, 0.2824



26.6463, 0.4919, 0.2798



52.4520, 0.2299, 0.2937



15.1299, 0.3245, 0.3218



10.1089, 0.5739, 0.2935



0.8104, 0.5345, 0.2718

Previews

White Background



This preview shows how the Yxy color 26.1619, 0.4471, 0.2824 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 26.1619, 0.4471, 0.2824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

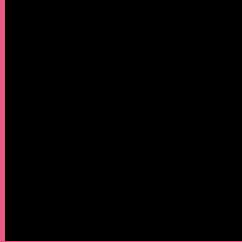
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1619, 0.4471, 0.2824

Background



This preview shows how black text looks on a background with the Yxy color 26.1619, 0.4471, 0.2824.



This preview shows how white text looks on a background with the Yxy color 26.1619, 0.4471, 0.2824.

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

26.1619, 0.4471, 0.2824

Protanopia

26.3081, 0.2875, 0.2920

Deuteranopia

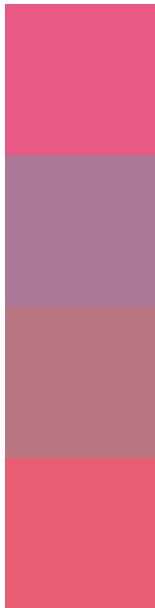
26.2052, 0.3502, 0.3434



Tritanopia

26.1129, 0.4877, 0.3232

Trichromacy



Original Color

26.1619, 0.4471, 0.2824

Protanomaly

24.5670, 0.3387, 0.2848

Deuteranomaly

24.9809, 0.3853, 0.3137

Tritanomaly

26.1768, 0.4731, 0.3083

Monochromacy



Original Color

26.1619, 0.4471, 0.2824

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.9812, 0.3585, 0.3051

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1619, 0.4471, 0.2824 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, 89, 133)` looks like.

```
.text, #text, p{  
    color:rgb(233, 89, 133)  
}
```

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, 89, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 89, 133) }
```

Border

The CSS property to change the border of an element to Yxy 26.1619, 0.4471, 0.2824 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, 89, 133) }
```

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

```
.border{ border-color:rgb(233, 89, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 89, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 89, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 89, 133);  
box-shadow:4px 4px 4px 4px rgb(233, 89,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1619, 0.4471, 0.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 89, 133) }
```

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

```
.background{ background-color: rgb(233, 89,  
133) }
```

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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