

Converting Colors

$Yxy(26.0190, 0.4498, 0.2921)$

Have a look what the booklet for
Yxy(26.0190, 0.4498, 0.2921)
contains.

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Color

Yxy(26.0190, 0.4498, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	E55D7F
RGB	229, 93, 127
RGB Percent	90%, 36%, 50%
CMY	0.1018, 0.6354, 0.5019
CMYK	0.00, 0.59, 0.45, 0.10
HSL	345°, 72%, 63%
HSV	345°, 59%, 90%
XYZ	40.0662, 26.0190, 22.9904
YIQ	137.5400, 70.1420, 39.4060

Conversions

Conversions Part 2

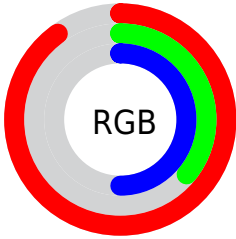
Format	Color
R_{YB}	229, 93, 127
Decimal	15031679
CIE Lab	58.06, 55.70, 8.59
CIE LCh	58, 56.356, 8.764
Yxy	26.0190, 0.4498, 0.2921
Android (android.graphics.Color)	4293221759 (0xFFE55D7F)
YUV	137.5400, -5.1962, 80.2104
Hunter-Lab	51.0088, 50.9421, 8.9833

Details

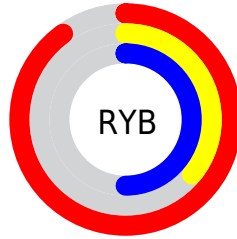
The Yxy color **26.0190, 0.4498, 0.2921** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **62.3231, 0.2551, 0.3751**, and the grayscale version is **25.2296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.7351, 0.3884, 0.2957**, and **10.1291, 0.4998, 0.2765** is the 20% darker color. If you saturate the color by 10%, you get **22.1750, 0.4878, 0.2898**, and if you desaturate by 10%, it is **31.1456, 0.4156, 0.2969**.

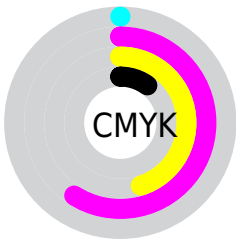
Distribution



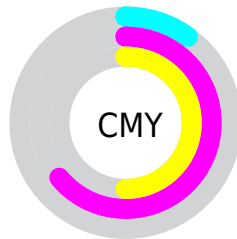
- Red (90%)
- Green (36%)
- Blue (50%)



- Red (90%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (59%)
- Yellow (45%)
- Black (10%)





- Cyan (10%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0190, 0.4498, 0.2921 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 26.0190, 0.4498, 0.2921 by changing the saturation by 10% instead.


 26.0190, 0.4498,
0.2921


 26.0190, 0.4498,
0.2921


282.8753, 0.3745,
0.3139


 16.8379, 0.4708,
0.2854


 53.3056, 0.4208,
0.3009

 10.1190, 0.4991,
0.2760


 72.1798, 0.4104,
0.3039

 5.4779, 0.5388,
0.2621

 95.0539, 0.4018,
0.3064

 2.5303, 0.5979,
0.2397

 122.3122, 0.3946,
0.3084

 0.8918, 0.7092,
0.2054

154.3391, 0.3885,
0.3101

 0.0000, 1.0000,
0.0000

191.5190, 0.3832,

 0.0000, 0.0000,

0.3116

0.0000

234.2362, 0.3786,
0.3128

■ 26.0190, 0.4498,
0.2921

■ 26.0190, 0.4498,
0.2921

■ 22.1750, 0.4878,
0.2898

■ 31.1456, 0.4156,
0.2969

■ 19.4943, 0.5271,
0.2910

■ 37.6516, 0.3862,
0.3030

■ 17.8423, 0.5640,
0.2965

■ 45.6293, 0.3617,
0.3098

■ 17.0016, 0.5945,
0.3053

■ 55.1619, 0.3416,
0.3166

■ 16.9616, 0.5962,
0.3058

■ 66.3262, 0.3252,
0.3232

■ 79.1940, 0.3120,
0.3294

■ 93.8328, 0.3013,
0.3351

■ 95.4034, 0.2970,
0.3290

Harmonies

Analogous

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



26.0190, 0.3574, 0.2381



26.0190, 0.4498, 0.2921



26.0190, 0.4977, 0.3556

Triad

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



26.0190, 0.4498, 0.2921



26.0190, 0.3385, 0.5061



26.0190, 0.1610, 0.2066

Complementary

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



26.0190, 0.4498, 0.2921



62.3231, 0.2551, 0.3751

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.



26.0190, 0.1574, 0.2582



26.0190, 0.4498, 0.2921



26.0190, 0.2519, 0.4546

Square

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



26.0190, 0.4498, 0.2921



26.0190, 0.4229, 0.4829



26.0190, 0.1871, 0.3499



26.0190, 0.1959, 0.1903

Rectangle

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



26.0190, 0.4498, 0.2921



26.0190, 0.4947, 0.4002



26.0190, 0.1871, 0.3499



26.0190, 0.1563, 0.2194

Sweetspot

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



26.0204, 0.4498, 0.2921



72.1081, 0.3393, 0.3175



24.7883, 0.2824, 0.1751



14.6100, 0.3446, 0.3155



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.



26.0204, 0.4498, 0.2921



27.4884, 0.4957, 0.2897



32.0505, 0.4727, 0.3642



14.4268, 0.3253, 0.3231



9.7110, 0.5924, 0.3037



0.7322, 0.5510, 0.2809

Inverse Universe

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



26.0204, 0.4498, 0.2921



27.4884, 0.4957, 0.2897



48.0476, 0.2301, 0.2858



14.4268, 0.3253, 0.3231



9.7110, 0.5924, 0.3037



0.7322, 0.5510, 0.2809

Previews

White Background



This preview shows how the Yxy color 26.0190, 0.4498, 0.2921 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 26.0190, 0.4498, 0.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

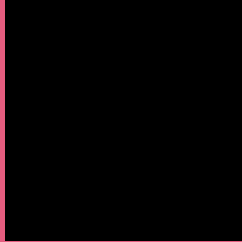
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0190, 0.4498, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 26.0190, 0.4498, 0.2921.



This preview shows how white text looks on a background with the Yxy color 26.0190, 0.4498, 0.2921.

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

26.0190, 0.4498, 0.2921

Protanopia

26.2541, 0.2989, 0.3062

Deuteranopia

26.1820, 0.3570, 0.3513



Tritanopia

25.8798, 0.4783, 0.3219

Trichromacy



Original Color

26.0190, 0.4498, 0.2921



Protanomaly

24.7033, 0.3481, 0.2964



Deuteranomaly

25.1773, 0.3911, 0.3250



Tritanomaly

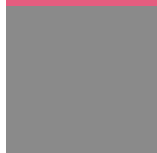
26.0296, 0.4687, 0.3120

Monochromacy



Original Color

26.0190, 0.4498, 0.2921



Achromatopsia

25.4152, 0.3127, 0.3290



Achromatomaly

24.2982, 0.3592, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0190, 0.4498, 0.2921 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(229, 93, 127)` looks like.

```
.text, #text, p{  
    color:rgb(229, 93, 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(229, 93, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 93, 127) }
```

Border

The CSS property to change the border of an element to Yxy 26.0190, 0.4498, 0.2921 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(229, 93, 127) }
```

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

```
.border{ border-color:rgb(229, 93, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 93, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 93, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 93, 127);  
box-shadow:4px 4px 4px 4px rgb(229, 93,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0190, 0.4498, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 93, 127) }
```

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

```
.background{ background-color: rgb(229, 93,  
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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