

Converting Colors

$Y_{xy}(26.2660, 0.4178, 0.2706)$

Have a look what the booklet for
Yxy(26.2660, 0.4178, 0.2706)
contains.

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Color

Yxy(26.2495, 0.4184, 0.2708)

Conversions

Conversions Part 1

Format	Color
Hex	E25E92
RGB	226, 94, 146
RGB Percent	89%, 37%, 57%
CMY	0.1137, 0.6314, 0.4274
CMYK	0.00, 0.58, 0.35, 0.11
HSL	336°, 69%, 63%
HSV	336°, 58%, 89%
XYZ	40.5568, 26.2495, 30.1268
YIQ	139.3960, 61.9800, 44.1560

Conversions

Conversions Part 2

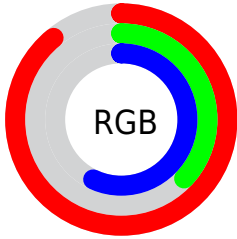
Format	Color
R _Y B	226, 94, 146
Decimal	14835346
CIE Lab	58.27, 56.28, -2.27
CIE LCh	58, 56.328, 357.693
Yxy	26.2495, 0.4184, 0.2708
Android (android.graphics.Color)	4293025426 (0xFFE25E92)
YUV	139.3960, 3.2558, 75.9517
Hunter-Lab	51.2343, 51.6399, 1.0002

Details

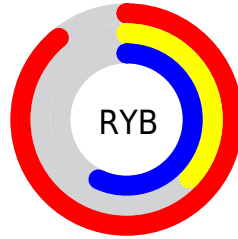
The Yxy color **26.2495, 0.4184, 0.2708** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **59.8312, 0.2652, 0.4021**, and the grayscale version is **25.9494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.9250, 0.3677, 0.2764**, and **10.2621, 0.4551, 0.2504** is the 20% darker color. If you saturate the color by 10%, you get **22.4018, 0.4477, 0.2651**, and if you desaturate by 10%, it is **31.3274, 0.3922, 0.2793**.

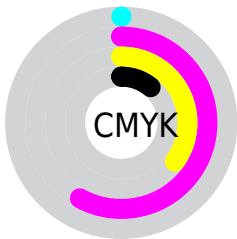
Distribution



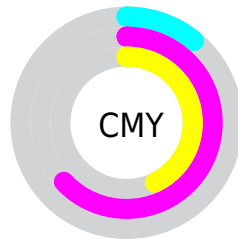
- Red (89%)
- Green (37%)
- Blue (57%)



- Red (89%)
- Yellow (37%)
- Blue (57%)



- Cyan (0%)
- Magenta (58%)
- Yellow (35%)
- Black (11%)




- Cyan (11%)
- Magenta (63%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2495, 0.4184, 0.2708 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 26.2495, 0.4184, 0.2708 by changing the saturation by 10% instead.


 26.2495, 0.4184,
0.2708


 26.2495, 0.4184,
0.2708


284.0047, 0.3611,
0.3020


 17.0104, 0.4342,
0.2623


 53.6772, 0.3965,
0.2827

 10.2419, 0.4554,
0.2510


 72.6345, 0.3886,
0.2870

 5.5596, 0.4853,
0.2351

 95.6001, 0.3820,
0.2905

 2.5792, 0.5301,
0.2118

 122.9582, 0.3765,
0.2936

 0.9162, 0.6031,
0.1744

155.0934, 0.3718,
0.2961

 0.0000, 1.0000,
0.0000

192.3899, 0.3678,

 0.0000, 0.0000,

0.2984

0.0000

235.2322, 0.3642,
0.3003

■ 26.2495, 0.4184,
0.2708

■ 26.2495, 0.4184,
0.2708

■ 22.4018, 0.4477,
0.2651

■ 31.3274, 0.3922,
0.2793

■ 19.6723, 0.4789,
0.2634

■ 37.7262, 0.3697,
0.2893

■ 17.9356, 0.5101,
0.2668


■ 45.5329, 0.3506,
0.2999


■ 17.0070, 0.5390,
0.2753


■ 54.8258, 0.3348,
0.3106

■ 16.8916, 0.5435,
0.2768

■ 65.6773, 0.3218,
0.3208

 78.1551, 0.3112,
0.3305

 92.3230, 0.3024,
0.3395

 94.9096, 0.2952,
0.3289

Harmonies

Analogous

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



26.2495, 0.3207, 0.2226



26.2495, 0.4184, 0.2708



26.2495, 0.4866, 0.3316

Triad

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



26.2495, 0.4184, 0.2708



26.2495, 0.3710, 0.5041



26.2495, 0.1565, 0.2214

Complementary

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



26.2495, 0.4184, 0.2708



59.8312, 0.2652, 0.4021

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.



26.2495, 0.1646, 0.2878



26.2495, 0.4184, 0.2708



26.2495, 0.2828, 0.4822

Square

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



26.2495, 0.4184, 0.2708



26.2495, 0.4489, 0.4624



26.2495, 0.2075, 0.3900



26.2495, 0.1797, 0.1931

Rectangle

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



26.2495, 0.4184, 0.2708



26.2495, 0.4991, 0.3754



26.2495, 0.2075, 0.3900



26.2495, 0.1556, 0.2389

Sweetspot

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



26.2509, 0.4184, 0.2708



72.4662, 0.3344, 0.3109



22.4044, 0.2655, 0.1699



14.6964, 0.3387, 0.3078



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.



26.2509, 0.4184, 0.2708



28.5992, 0.4540, 0.2644



27.5353, 0.4829, 0.3439



13.7895, 0.3230, 0.3198



9.6580, 0.5394, 0.2745



0.6867, 0.4983, 0.2519

Inverse Universe

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



26.2509, 0.4184, 0.2708



28.5992, 0.4540, 0.2644



55.3615, 0.2366, 0.3112



13.7895, 0.3230, 0.3198



9.6580, 0.5394, 0.2745



0.6867, 0.4983, 0.2519

Previews

White Background



This preview shows how the Yxy color 26.2495, 0.4184, 0.2708 looks on a white background.

Color Contrast Check

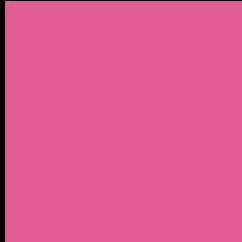
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2495, 0.4184, 0.2708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

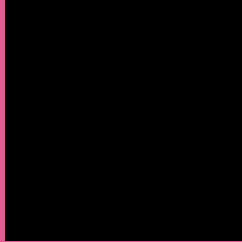
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2495, 0.4184, 0.2708

Background



This preview shows how black text looks on a background with the Yxy color 26.2495, 0.4184, 0.2708.



This preview shows how white text looks on a background with the Yxy color 26.2495, 0.4184, 0.2708.

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

26.2495, 0.4184, 0.2708

Protanopia

26.4268, 0.2733, 0.2737

Deuteranopia

26.3718, 0.3287, 0.3227



Tritanopia

26.2948, 0.4640, 0.3215

Trichromacy



Original Color

26.2495, 0.4184, 0.2708



Protanomaly

24.9532, 0.3178, 0.2688



Deuteranomaly

25.3310, 0.3604, 0.2989



Tritanomaly

26.1761, 0.4485, 0.3033

Monochromacy



Original Color

26.2495, 0.4184, 0.2708



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.7768, 0.3491, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2495, 0.4184, 0.2708 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(226, 94, 146)` looks like.

```
.text, #text, p{  
    color:rgb(226, 94, 146)  
}
```

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(226, 94, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 94, 146) }
```

Border

The CSS property to change the border of an element to Yxy 26.2495, 0.4184, 0.2708 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(226, 94, 146) }
```

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

```
.border{ border-color:rgb(226, 94, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 94, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 94, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 94, 146);  
box-shadow:4px 4px 4px 4px rgb(226, 94,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2495, 0.4184, 0.2708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 94, 146) }
```

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

```
.background{ background-color: rgb(226, 94,  
146) }
```

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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