

Converting Colors

$Y_{xy}(26.3807, 0.4174, 0.2506)$

Have a look what the booklet for
Yxy(26.3807, 0.4174, 0.2506)
contains.

Yxy(26.5077, 0.4171, 0.2506)	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(26.5077, 0.4171, 0.2506)

Conversions

Conversions Part 1

Format	Color
Hex	ED529E
RGB	237, 82, 158
RGB Percent	93%, 32%, 62%
CMY	0.0705, 0.6785, 0.3803
CMYK	0.00, 0.65, 0.33, 0.07
HSL	331°, 81%, 63%
HSV	331°, 65%, 93%
XYZ	44.1196, 26.5077, 35.1497
YIQ	137.0090, 67.9840, 56.4960

Conversions

Conversions Part 2

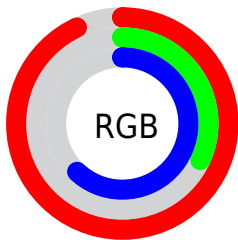
Format	Color
R _Y B	237, 82, 158
Decimal	15553182
CIE Lab	58.52, 65.95, -8.72
CIE LCh	59, 66.525, 352.465
Yxy	26.5077, 0.4171, 0.2506
Android (android.graphics.Color)	4293743262 (0xFFED529E)
YUV	137.0090, 10.3486, 87.6921
Hunter-Lab	51.4856, 62.8621, -4.4378

Details

The Yxy color **26.5077, 0.4171, 0.2506** 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 **64.9434, 0.2693, 0.4351**, and the grayscale version is **24.9597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.8203, 0.3563, 0.2550**, and **10.4086, 0.4517, 0.2262** is the 20% darker color. If you saturate the color by 10%, you get **23.1358, 0.4420, 0.2455**, and if you desaturate by 10%, it is **31.1570, 0.3941, 0.2595**.

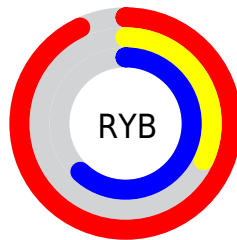
Distribution



Red (93%)

Green (32%)

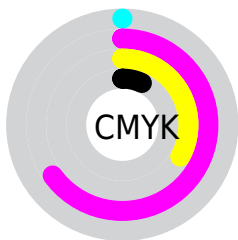
Blue (62%)



Red (93%)

Yellow (32%)

Blue (62%)

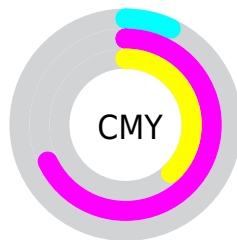


Cyan (0%)

Magenta (65%)

Yellow (33%)

Black (7%)



Cyan (7%)


Magenta (68%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5077, 0.4171, 0.2506 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 26.5077, 0.4171, 0.2506 by changing the saturation by 10% instead.


 26.5077, 0.4171,
0.2506


 26.5077, 0.4171,
0.2506


285.2655, 0.3615,
0.2912


 17.2038, 0.4321,
0.2401


 54.0929, 0.3961,
0.2657


 10.3799, 0.4519,
0.2264


 73.1430, 0.3884,
0.2712

 5.6516, 0.4794,
0.2079


 96.2106, 0.3820,
0.2759

 2.6344, 0.5197,
0.1819

 123.6801, 0.3767,
0.2799

 0.9440, 0.5831,
0.1432

155.9360, 0.3720,
0.2833

 0.0000, 0.7893,
0.0000

193.3626, 0.3680,

 0.0000, 1.0000,

0.2863

0.0000

236.3443, 0.3645,
0.2889

■ 0.0000, 0.0000,
0.0000

■ 26.5077, 0.4171,
0.2506

■ 26.5077, 0.4171,
0.2506

■ 23.1358, 0.4420,
0.2455

■ 31.1570, 0.3941,
0.2595

■ 20.9026, 0.4675,
0.2455

■ 37.1950, 0.3735,
0.2709


■ 19.6440, 0.4923,
0.2509


■ 44.7256, 0.3558,
0.2836

■ 19.2742, 0.5034,
0.2547

■ 53.8416, 0.3407,
0.2969

■ 64.6279, 0.3281,
0.3099

 77.1637, 0.3176,
0.3225

 91.5229, 0.3090,
0.3343

 96.7239, 0.3019,
0.3293

 96.7473, 0.3017,
0.3290

Harmonies

Analogous

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



26.5077, 0.3013, 0.2009



26.5077, 0.4171, 0.2506



26.5077, 0.5072, 0.3155

Triad

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



26.5077, 0.4171, 0.2506



26.5077, 0.3913, 0.5273



26.5077, 0.1352, 0.2132

Complementary

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



26.5077, 0.4171, 0.2506



64.9434, 0.2693, 0.4351

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.



26.5077, 0.1489, 0.2964



26.5077, 0.4171, 0.2506



26.5077, 0.2914, 0.5252

Square

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



26.5077, 0.4171, 0.2506



26.5077, 0.4779, 0.4639



26.5077, 0.2022, 0.4240



26.5077, 0.1549, 0.1770

Rectangle

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



26.5077, 0.4171, 0.2506



26.5077, 0.5284, 0.3629



26.5077, 0.2022, 0.4240



26.5077, 0.1359, 0.2350

Sweetspot

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



26.5091, 0.4171, 0.2506



70.1037, 0.3337, 0.3039



19.5699, 0.2432, 0.1455



14.2493, 0.3373, 0.3002



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.



26.5091, 0.4171, 0.2506



26.4197, 0.4494, 0.2450



24.6486, 0.5278, 0.3296



15.1772, 0.3216, 0.3175



10.5477, 0.4997, 0.2526



0.8476, 0.4683, 0.2353

Inverse Universe

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



26.5091, 0.4171, 0.2506



26.4197, 0.4494, 0.2450



68.4864, 0.2355, 0.3288



15.1772, 0.3216, 0.3175



10.5477, 0.4997, 0.2526



0.8476, 0.4683, 0.2353

Previews

White Background



This preview shows how the Yxy color 26.5077, 0.4171, 0.2506 looks on a white background.

Color Contrast Check

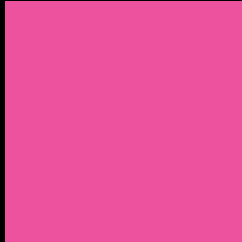
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5077, 0.4171, 0.2506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

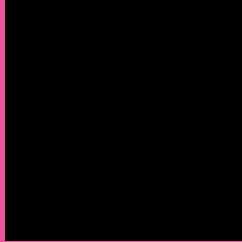
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5077, 0.4171, 0.2506

Background



This preview shows how black text looks on a background with the Yxy color 26.5077, 0.4171, 0.2506.



This preview shows how white text looks on a background with the Yxy color 26.5077, 0.4171, 0.2506.

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

26.5077, 0.4171, 0.2506

Protanopia

26.7815, 0.2490, 0.2414

Deuteranopia

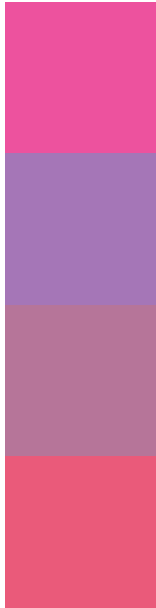
26.6726, 0.3148, 0.3085



Tritanopia

26.4674, 0.4882, 0.3223

Trichromacy



Original Color

26.5077, 0.4171, 0.2506

Protanomaly

24.3751, 0.2971, 0.2371

Deuteranomaly

24.9676, 0.3502, 0.2784

Tritanomaly

26.2099, 0.4638, 0.2958

Monochromacy



Original Color

26.5077, 0.4171, 0.2506

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.6512, 0.3492, 0.2877

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5077, 0.4171, 0.2506 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(237, 82, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 82, 158) }
```

Border

The CSS property to change the border of an element to Yxy 26.5077, 0.4171, 0.2506 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, 158) }
```

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

```
.border{ border-color:rgb(237, 82, 158) }
```

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, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 82, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 82, 158);  
box-shadow:4px 4px 4px 4px rgb(237, 82,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5077, 0.4171, 0.2506 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, 158) }
```

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

```
.background{ background-color: rgb(237, 82,  
158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor