

Converting Colors

$Y_{xy}(26.3885, 0.3908, 0.2183)$

Have a look what the booklet for
Yxy(26.3885, 0.3908, 0.2183)
contains.

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Color

Yxy(26.3105, 0.3903, 0.2177)

Conversions

Conversions Part 1

Format	Color
Hex	F243B7
RGB	242, 67, 183
RGB Percent	95%, 26%, 72%
CMY	0.0510, 0.7372, 0.2825
CMYK	0.00, 0.72, 0.24, 0.05
HSL	320°, 87%, 61%
HSV	320°, 72%, 95%
XYZ	47.1704, 26.3105, 47.3758
YIQ	132.5490, 67.0640, 73.1760

Conversions

Conversions Part 2

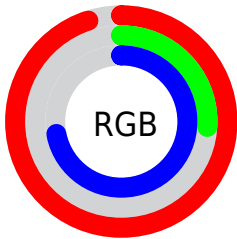
Format	Color
R _Y B	242, 67, 183
Decimal	15877047
CIE Lab	58.33, 75.47, -23.40
CIE LCh	58, 79.017, 342.777
Yxy	26.3105, 0.3903, 0.2177
Android (android.graphics.Color)	4294067127 (0xFFFF243B7)
YUV	132.5490, 24.8723, 95.9885
Hunter-Lab	51.2938, 74.3867, -18.8557

Details

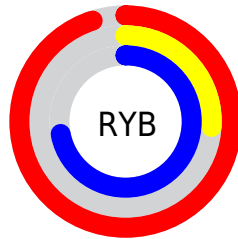
The Yxy color **26.3105, 0.3903, 0.2177** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **66.2072, 0.2811, 0.4919**, and the grayscale version is **23.1760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1925, 0.3326, 0.2221**, and **11.4355, 0.4076, 0.2019** is the 20% darker color. If you saturate the color by 10%, you get **23.6798, 0.4053, 0.2123**, and if you desaturate by 10%, it is **30.1648, 0.3757, 0.2276**.

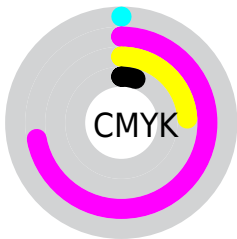
Distribution



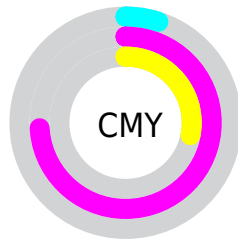
- Red (95%)
- Green (26%)
- Blue (72%)



- Red (95%)
- Yellow (26%)
- Blue (72%)



- Cyan (0%)
- Magenta (72%)
- Yellow (24%)
- Black (5%)





- Cyan (5%)
- Magenta (74%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3105, 0.3903, 0.2177 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 26.3105, 0.3903, 0.2177 by changing the saturation by 10% instead.


 26.3105, 0.3903,
0.2177


 26.3105, 0.3903,
0.2177


284.3030, 0.3510,
0.2725

 17.0561, 0.4002,
0.2045


 53.7754, 0.3759,
0.2373


 10.2745, 0.4128,
0.1879


 72.7547, 0.3706,
0.2448

 5.5813, 0.4296,
0.1665


 95.7444, 0.3660,
0.2511

 2.5922, 0.4526,
0.1383

 123.1290, 0.3621,
0.2566

 0.9228, 0.4858,
0.1005

 155.2927, 0.3588,
0.2614

 0.0000, 0.5647,
0.0000

192.6200, 0.3559,

 0.0000, 0.7285,

0.2655

0.0000

235.4953, 0.3533,
0.2692

■ 0.0000, 0.0000,
0.0000

■ 26.3105, 0.3903,
0.2177

■ 26.3105, 0.3903,
0.2177

■ 23.6798, 0.4053,
0.2123

■ 30.1648, 0.3757,
0.2276

■ 22.1074, 0.4201,
0.2121

■ 35.3724, 0.3621,
0.2410


■ 21.4284, 0.4312,
0.2149

■ 42.0505, 0.3497,
0.2568


■ 50.3027, 0.3387,
0.2739

■ 60.2231, 0.3292,
0.2914

 71.8984, 0.3210,
0.3087

 85.4092, 0.3141,
0.3253

 97.1926, 0.3085,
0.3356

 97.6176, 0.3048,
0.3290

Harmonies

Analogous

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



26.3105, 0.2586, 0.1710



26.3105, 0.3903, 0.2177



26.3105, 0.5161, 0.2844

Triad

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



26.3105, 0.3903, 0.2177



26.3105, 0.4290, 0.5341



26.3105, 0.1127, 0.2159

Complementary

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



26.3105, 0.3903, 0.2177



66.2072, 0.2811, 0.4919

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.



26.3105, 0.1381, 0.3318



26.3105, 0.3903, 0.2177



26.3105, 0.3175, 0.5790

Square

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



26.3105, 0.3903, 0.2177



26.3105, 0.5219, 0.4445



26.3105, 0.2103, 0.4952



26.3105, 0.1236, 0.1633

Rectangle

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



26.3105, 0.3903, 0.2177



26.3105, 0.5586, 0.3339



26.3105, 0.2103, 0.4952



26.3105, 0.1167, 0.2465

Sweetspot

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



26.3119, 0.3903, 0.2177



68.1213, 0.3290, 0.2918



14.8136, 0.2093, 0.1168



13.8867, 0.3314, 0.2871



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.



26.3119, 0.3903, 0.2177



25.6578, 0.4126, 0.2116



23.7421, 0.5222, 0.3043



15.9355, 0.3190, 0.3135



11.5378, 0.4289, 0.2136



0.9783, 0.4110, 0.2038

Inverse Universe

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



26.3119, 0.3903, 0.2177



25.6578, 0.4126, 0.2116



69.4955, 0.2432, 0.3670



15.9355, 0.3190, 0.3135



11.5378, 0.4289, 0.2136



0.9783, 0.4110, 0.2038

Previews

White Background



This preview shows how the Yxy color 26.3105, 0.3903, 0.2177 looks on a white background.

Color Contrast Check

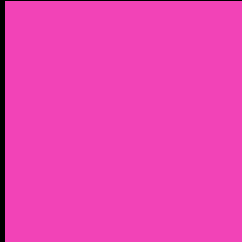
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3105, 0.3903, 0.2177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

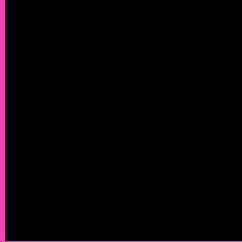
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3105, 0.3903, 0.2177

Background



This preview shows how black text looks on a background with the Yxy color 26.3105, 0.3903, 0.2177.



This preview shows how white text looks on a background with the Yxy color 26.3105, 0.3903, 0.2177.

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

26.3105, 0.3903, 0.2177

Protanopia

26.6584, 0.2102, 0.1908

Deuteranopia

26.5974, 0.2797, 0.2743



Tritanopia

26.1983, 0.4976, 0.3235

Trichromacy



Original Color

26.3105, 0.3903, 0.2177



Protanomaly

23.1774, 0.2532, 0.1888



Deuteranomaly

23.9928, 0.3158, 0.2395



Tritanomaly

25.9486, 0.4609, 0.2826

Monochromacy



Original Color

26.3105, 0.3903, 0.2177



Achromatopsia

23.4551, 0.3127, 0.3290



Achromatomaly

22.0559, 0.3434, 0.2677

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3105, 0.3903, 0.2177 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, 67, 183)` looks like.

```
.text, #text, p{  
    color:rgb(242, 67, 183)  
}
```

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, 67, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 67, 183) }
```

Border

The CSS property to change the border of an element to Yxy 26.3105, 0.3903, 0.2177 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, 67, 183) }
```

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

```
.border{ border-color:rgb(242, 67, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 67, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 67, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 67, 183);  
box-shadow:4px 4px 4px 4px rgb(242, 67,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3105, 0.3903, 0.2177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 67, 183) }
```

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

```
.background{ background-color: rgb(242, 67,  
183) }
```

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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