

Converting Colors

$Y_{xy}(25.6975, 0.3890, 0.2141)$

Have a look what the booklet for
Yxy(25.6975, 0.3890, 0.2141)
contains.

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Color

Yxy(25.7165, 0.3883, 0.2138)

Conversions

Conversions Part 1

Format	Color
Hex	F13FB8
RGB	241, 63, 184
RGB Percent	95%, 25%, 72%
CMY	0.0549, 0.7529, 0.2784
CMYK	0.00, 0.74, 0.24, 0.05
HSL	319°, 86%, 60%
HSV	319°, 74%, 95%
XYZ	46.7059, 25.7165, 47.8606
YIQ	130.0160, 67.2470, 75.3670

Conversions

Conversions Part 2

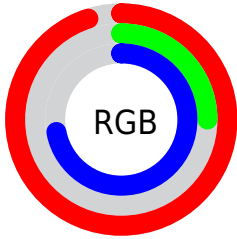
Format	Color
R _Y B	241, 63, 184
Decimal	15810488
CIE Lab	57.77, 76.60, -24.88
CIE LCh	58, 80.540, 342.004
Yxy	25.7165, 0.3883, 0.2138
Android (android.graphics.Color)	4294000568 (0xFFFF13FB8)
YUV	130.0160, 26.6141, 97.3330
Hunter-Lab	50.7114, 75.6558, -20.4589

Details

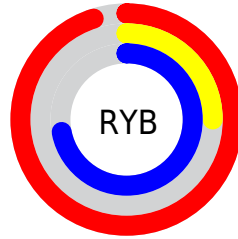
The Yxy color **25.7165, 0.3883, 0.2138** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **65.3220, 0.2824, 0.5000**, and the grayscale version is **22.2174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4730, 0.3319, 0.2188**, and **11.3420, 0.4041, 0.2000** is the 20% darker color. If you saturate the color by 10%, you get **23.2921, 0.4023, 0.2089**, and if you desaturate by 10%, it is **29.3283, 0.3746, 0.2234**.

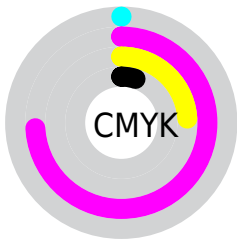
Distribution



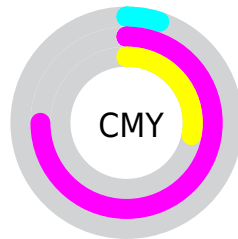
- Red (95%)
- Green (25%)
- Blue (72%)



- Red (95%)
- Yellow (25%)
- Blue (72%)



- Cyan (0%)
- Magenta (74%)
- Yellow (24%)
- Black (5%)





- Cyan (5%)
- Magenta (75%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7165, 0.3883, 0.2138 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 25.7165, 0.3883, 0.2138 by changing the saturation by 10% instead.


 25.7165, 0.3883,
0.2138


 25.7165, 0.3883,
0.2138


281.3876, 0.3502,
0.2705


 16.6117, 0.3978,
0.2002


 52.8172, 0.3744,
0.2340

 9.9580, 0.4100,
0.1831


 71.5819, 0.3692,
0.2418

 5.3711, 0.4260,
0.1612


 94.3354, 0.3648,
0.2483

 2.4666, 0.4478,
0.1325

 121.4620, 0.3610,
0.2540

 0.8599, 0.4789,
0.0944

 153.3461, 0.3578,
0.2589

 0.0000, 0.5498,
0.0000

190.3721, 0.3549,

 0.0000, 0.6873,

0.2632

0.0000

232.9245, 0.3524,
0.2670

■ 0.0000, 0.0000,
0.0000

■ 25.7165, 0.3883,
0.2138

■ 25.7165, 0.3883,
0.2138

■ 23.2921, 0.4023,
0.2089

■ 29.3283, 0.3746,
0.2234

■ 21.8859, 0.4160,
0.2090


■ 34.2591, 0.3616,
0.2367


■ 21.3753, 0.4243,
0.2111


■ 40.6273, 0.3497,
0.2525


■ 48.5370, 0.3391,
0.2698

■ 58.0827, 0.3298,
0.2877

 69.3511, 0.3218,
0.3055

 82.4229, 0.3150,
0.3226

 96.8581, 0.3094,
0.3381

 97.3411, 0.3050,
0.3305

Harmonies

Analogous

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



25.7165, 0.2541, 0.1671



25.7165, 0.3883, 0.2138



25.7165, 0.5188, 0.2810

Triad

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



25.7165, 0.3883, 0.2138



25.7165, 0.4326, 0.5353



25.7165, 0.1093, 0.2150

Complementary

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



25.7165, 0.3883, 0.2138



65.3220, 0.2824, 0.5000

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.



25.7165, 0.1356, 0.3353



25.7165, 0.3883, 0.2138



25.7165, 0.3191, 0.5862

Square

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



25.7165, 0.3883, 0.2138



25.7165, 0.5272, 0.4425



25.7165, 0.2097, 0.5044



25.7165, 0.1196, 0.1607

Rectangle

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



25.7165, 0.3883, 0.2138



25.7165, 0.5636, 0.3308



25.7165, 0.2097, 0.5044



25.7165, 0.1135, 0.2467

Sweetspot

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



25.7178, 0.3883, 0.2138



68.1777, 0.3283, 0.2909



13.8549, 0.2046, 0.1120



13.9000, 0.3306, 0.2860



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.



25.7178, 0.3883, 0.2138



25.4848, 0.4098, 0.2083



23.0942, 0.5244, 0.3016



15.9403, 0.3187, 0.3131



11.6173, 0.4222, 0.2099



0.9845, 0.4055, 0.2008

Inverse Universe

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



25.7178, 0.3883, 0.2138



25.4848, 0.4098, 0.2083



68.5384, 0.2439, 0.3720



15.9403, 0.3187, 0.3131



11.6173, 0.4222, 0.2099



0.9845, 0.4055, 0.2008

Previews

White Background



This preview shows how the Yxy color 25.7165, 0.3883, 0.2138 looks on a white background.

Color Contrast Check

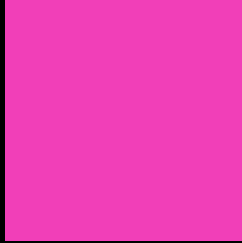
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7165, 0.3883, 0.2138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

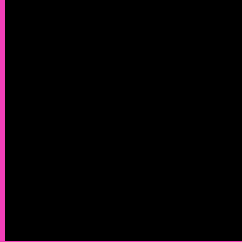
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7165, 0.3883, 0.2138

Background



This preview shows how black text looks on a background with the Yxy color 25.7165, 0.3883, 0.2138.



This preview shows how white text looks on a background with the Yxy color 25.7165, 0.3883, 0.2138.

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

25.7165, 0.3883, 0.2138

Protanopia

26.2267, 0.2056, 0.1857

Deuteranopia

25.8152, 0.2757, 0.2692



Tritanopia

25.6493, 0.5008, 0.3236

Trichromacy



Original Color

25.7165, 0.3883, 0.2138



Protanomaly

22.3076, 0.2470, 0.1812



Deuteranomaly

23.1503, 0.3125, 0.2337



Tritanomaly

25.3004, 0.4627, 0.2808

Monochromacy



Original Color

25.7165, 0.3883, 0.2138



Achromatopsia

22.3228, 0.3127, 0.3290



Achromatomaly

21.0561, 0.3414, 0.2639

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7165, 0.3883, 0.2138 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(241, 63, 184)` looks like.

```
.text, #text, p{  
    color:rgb(241, 63, 184)  
}
```

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(241, 63, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 63, 184) }
```

Border

The CSS property to change the border of an element to Yxy 25.7165, 0.3883, 0.2138 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(241, 63, 184) }
```

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

```
.border{ border-color:rgb(241, 63, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 63, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 63, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 63, 184);  
box-shadow:4px 4px 4px 4px rgb(241, 63,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7165, 0.3883, 0.2138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 63, 184) }
```

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

```
.background{ background-color: rgb(241, 63,  
184) }
```

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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