

Converting Colors

$Y_{xy}(25.9610, 0.3888, 0.2125)$

Have a look what the booklet for
Yxy(25.9610, 0.3888, 0.2125)
contains.

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Color

Yxy(25.9373, 0.3881, 0.2119)

Conversions

Conversions Part 1

Format	Color
Hex	F33DBA
RGB	243, 61, 186
RGB Percent	95%, 24%, 73%
CMY	0.0469, 0.7610, 0.2706
CMYK	0.00, 0.75, 0.23, 0.05
HSL	319°, 88%, 60%
HSV	319°, 75%, 95%
XYZ	47.5048, 25.9373, 48.9614
YIQ	129.6680, 68.3470, 77.4590

Conversions

Conversions Part 2

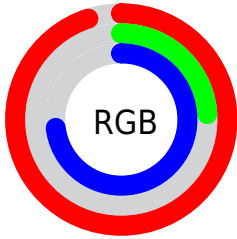
Format	Color
R _Y B	243, 61, 186
Decimal	15941050
CIE Lab	57.98, 77.93, -25.68
CIE LCh	58, 82.051, 341.764
Yxy	25.9373, 0.3881, 0.2119
Android (android.graphics.Color)	4294131130 (0xFFFF33DBA)
YUV	129.6680, 27.7717, 99.3922
Hunter-Lab	50.9287, 77.3745, -21.3497

Details

The Yxy color **25.9373, 0.3881, 0.2119** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **66.4232, 0.2829, 0.5045**, and the grayscale version is **22.0737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3380, 0.3301, 0.2163**, and **11.6385, 0.4031, 0.1994** is the 20% darker color. If you saturate the color by 10%, you get **23.5929, 0.4017, 0.2074**, and if you desaturate by 10%, it is **29.4756, 0.3747, 0.2211**.

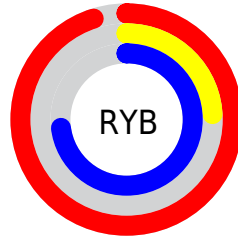
Distribution



Red (95%)

Green (24%)

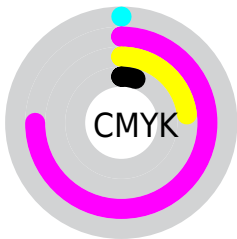
Blue (73%)



Red (95%)

Yellow (24%)

Blue (73%)

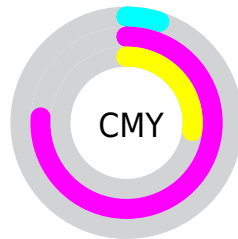


Cyan (0%)

Magenta (75%)

Yellow (23%)

Black (5%)



Cyan (5%)


Magenta (76%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9373, 0.3881, 0.2119 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 25.9373, 0.3881, 0.2119 by changing the saturation by 10% instead.

 25.9373, 0.3881,
0.2119


 25.9373, 0.3881,
0.2119


282.4742, 0.3502,
0.2692


 16.7767, 0.3975,
0.1982


 53.1738, 0.3744,
0.2323


 10.0754, 0.4094,
0.1811


 72.0185, 0.3692,
0.2401


 5.4490, 0.4251,
0.1592


 94.8600, 0.3648,
0.2468

 2.5130, 0.4464,
0.1306

 122.0828, 0.3611,
0.2525

 0.8832, 0.4763,
0.0929

 154.0712, 0.3578,
0.2575

 0.0000, 0.5444,
0.0000

191.2096, 0.3550,

 0.0000, 0.6482,

0.2619

0.0000

233.8825, 0.3525,
0.2658

■ 0.0000, 0.0000,
0.0000

■ 25.9373, 0.3881,
0.2119

■ 25.9373, 0.3881,
0.2119

■ 23.5929, 0.4017,
0.2074

■ 29.4756, 0.3747,
0.2211

■ 22.2651, 0.4150,
0.2079


■ 34.3447, 0.3619,
0.2342


■ 21.8491, 0.4217,
0.2097


■ 40.6673, 0.3501,
0.2499

■ 48.5508, 0.3396,
0.2673

■ 58.0926, 0.3304,
0.2853

 69.3820, 0.3224,
0.3033

 82.5019, 0.3157,
0.3207

 97.2914, 0.3100,
0.3369

 97.7708, 0.3057,
0.3295

Harmonies

Analogous

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



25.9373, 0.2523, 0.1651



25.9373, 0.3881, 0.2119



25.9373, 0.5211, 0.2794

Triad

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



25.9373, 0.3881, 0.2119



25.9373, 0.4338, 0.5365



25.9373, 0.1073, 0.2139

Complementary

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



25.9373, 0.3881, 0.2119



66.4232, 0.2829, 0.5045

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.



25.9373, 0.1338, 0.3363



25.9373, 0.3881, 0.2119



25.9373, 0.3192, 0.5903

Square

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



25.9373, 0.3881, 0.2119



25.9373, 0.5298, 0.4419



25.9373, 0.2087, 0.5090



25.9373, 0.1174, 0.1590

Rectangle

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



25.9373, 0.3881, 0.2119



25.9373, 0.5668, 0.3294



25.9373, 0.2087, 0.5090



25.9373, 0.1115, 0.2460

Sweetspot

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



25.9386, 0.3881, 0.2119



68.2004, 0.3280, 0.2905



13.4884, 0.2006, 0.1083



13.9054, 0.3302, 0.2856



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.



25.9386, 0.3881, 0.2119



25.4008, 0.4088, 0.2070



23.2629, 0.5245, 0.2989



16.6748, 0.3186, 0.3129



12.0124, 0.4197, 0.2086



1.0743, 0.4042, 0.2000

Inverse Universe

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



25.9386, 0.3881, 0.2119



25.4008, 0.4088, 0.2070



69.6023, 0.2448, 0.3770



16.6748, 0.3186, 0.3129



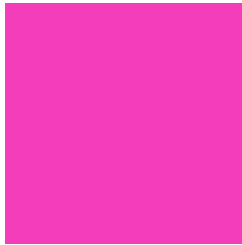
12.0124, 0.4197, 0.2086



1.0743, 0.4042, 0.2000

Previews

White Background



This preview shows how the Yxy color 25.9373, 0.3881, 0.2119 looks on a white background.

Color Contrast Check

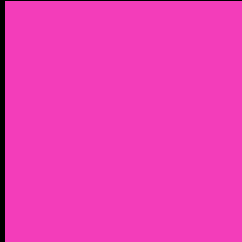
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9373, 0.3881, 0.2119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

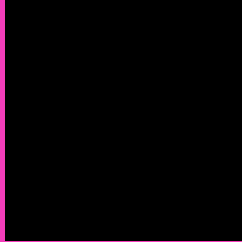
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9373, 0.3881, 0.2119

Background



This preview shows how black text looks on a background with the Yxy color 25.9373, 0.3881, 0.2119.



This preview shows how white text looks on a background with the Yxy color 25.9373, 0.3881, 0.2119.

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

25.9373, 0.3881, 0.2119

Protanopia

26.3641, 0.2032, 0.1819

Deuteranopia

26.0942, 0.2732, 0.2679



Tritanopia

25.8007, 0.5030, 0.3246

Trichromacy



Original Color

25.9373, 0.3881, 0.2119



Protanomaly

22.3760, 0.2441, 0.1782



Deuteranomaly

23.2312, 0.3103, 0.2314



Tritanomaly

25.3276, 0.4642, 0.2802

Monochromacy



Original Color

25.9373, 0.3881, 0.2119



Achromatopsia

22.3228, 0.3127, 0.3290



Achromatomaly

20.9631, 0.3429, 0.2628

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9373, 0.3881, 0.2119 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(243, 61, 186)` looks like.

```
.text, #text, p{  
    color:rgb(243, 61, 186)  
}
```

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(243, 61, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 61, 186) }
```

Border

The CSS property to change the border of an element to Yxy 25.9373, 0.3881, 0.2119 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(243, 61, 186) }
```

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

```
.border{ border-color:rgb(243, 61, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 61, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 61, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 61, 186);  
box-shadow:4px 4px 4px 4px rgb(243, 61,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9373, 0.3881, 0.2119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 61, 186) }
```

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

```
.background{ background-color: rgb(243, 61,  
186) }
```

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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