

Converting Colors

$Y_{xy}(24.3288, 0.4123, 0.2100)$

Have a look what the booklet for
Yxy(24.3288, 0.4123, 0.2100)
contains.

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Color

Yxy(24.3288, 0.4123, 0.2100)

Conversions

Conversions Part 1

Format	Color
Hex	FA1CB1
RGB	250, 28, 177
RGB Percent	98%, 11%, 69%
CMY	0.0197, 0.8896, 0.3060
CMYK	0.00, 0.89, 0.29, 0.02
HSL	320°, 96%, 55%
HSV	320°, 89%, 98%
XYZ	47.7655, 24.3288, 43.7571
YIQ	111.3640, 84.4830, 93.4030

Conversions

Conversions Part 2

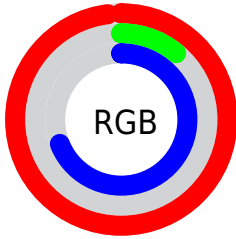
Format	Color
R_{YB}	250, 28, 177
Decimal	16391345
CIE _{Lab}	56.42, 85.39, -22.74
CIE _{LCh}	56, 88.362, 345.089
Yxy	24.3288, 0.4123, 0.2100
Android (android.graphics.Color)	4294581425 (0xFFFA1CB1)
YUV	111.3640, 32.3585, 121.5838
Hunter-Lab	49.3242, 86.5418, -18.0711

Details

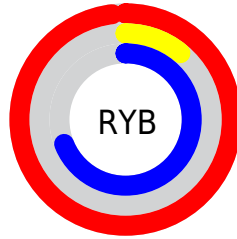
The Yxy color **24.3288, 0.4123, 0.2100** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **69.5461, 0.2839, 0.5334**, and the grayscale version is **15.9183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.8683, 0.3400, 0.2100**, and **12.1466, 0.4303, 0.2144** is the 20% darker color. If you saturate the color by 10%, you get **23.2425, 0.4263, 0.2127**, and if you desaturate by 10%, it is **26.3906, 0.3978, 0.2122**.

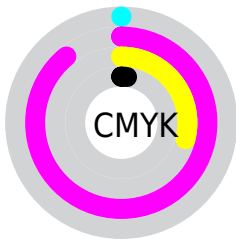
Distribution



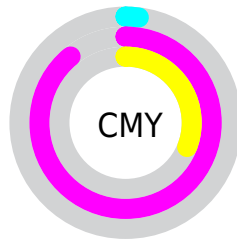
- Red (98%)
- Green (11%)
- Blue (69%)



- Red (98%)
- Yellow (11%)
- Blue (69%)



- Cyan (0%)
- Magenta (89%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (89%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.3288, 0.4123, 0.2100 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 24.3288, 0.4123, 0.2100 by changing the saturation by 10% instead.


 24.3288, 0.4123,
0.2100


 24.3288, 0.4123,
0.2100


274.4786, 0.3610,
0.2689


 15.5777, 0.4254,
0.1958


 50.5662, 0.3934,
0.2311

 9.2258, 0.4424,
0.1779


 68.8213, 0.3864,
0.2392


 4.8888, 0.4650,
0.1549


 91.0133, 0.3805,
0.2460

 2.1821, 0.4965,
0.1249

 117.5264, 0.3754,
0.2519

 0.7102, 0.5430,
0.0841

 148.7451, 0.3711,
0.2570

 0.0000, 0.6351,
0.0000

185.0537, 0.3673,

 0.0000, 1.0000,


0.2614

0.0000

226.8368, 0.3639,
0.2654


 0.0000, 0.0000,
0.0000

 24.3288, 0.4123,
0.2100

 24.3288, 0.4123,
0.2100


 23.2425, 0.4263,
0.2127


 26.3906, 0.3978,
0.2122

 23.1350, 0.4281,
0.2132

 29.6588, 0.3834,
0.2194

 34.2973, 0.3695,
0.2308

 40.4432, 0.3566,
0.2454

 48.2167, 0.3450,
0.2619

■ 57.7260, 0.3347,
0.2795

■ 69.0699, 0.3259,
0.2972

■ 82.3397, 0.3183,
0.3145

■ 97.6207, 0.3120,
0.3310

Harmonies

Analogous

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



24.3288, 0.2603, 0.1583



24.3288, 0.4123, 0.2100



24.3288, 0.5522, 0.2814

Triad

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



24.3288, 0.4123, 0.2100



24.3288, 0.4221, 0.5587



24.3288, 0.0942, 0.1934

Complementary

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



24.3288, 0.4123, 0.2100



69.5461, 0.2839, 0.5334

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.



24.3288, 0.1149, 0.3152



24.3288, 0.4123, 0.2100



24.3288, 0.2995, 0.6165

Square

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



24.3288, 0.4123, 0.2100



24.3288, 0.5316, 0.4529



24.3288, 0.1859, 0.5102



24.3288, 0.1089, 0.1438

Rectangle

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



24.3288, 0.4123, 0.2100



24.3288, 0.5913, 0.3330



24.3288, 0.1859, 0.5102



24.3288, 0.0966, 0.2241

Sweetspot

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



24.3301, 0.4123, 0.2100



62.2866, 0.3331, 0.2825



10.3575, 0.1830, 0.0833



12.5350, 0.3364, 0.2764



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.



24.3301, 0.4123, 0.2100



24.2031, 0.4283, 0.2133



21.5845, 0.5835, 0.3079



17.4217, 0.3189, 0.3132



12.3022, 0.4259, 0.2120



1.1590, 0.4101, 0.2033

Inverse Universe

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



24.3301, 0.4123, 0.2100



24.2031, 0.4283, 0.2133



73.2220, 0.2411, 0.3821



17.4217, 0.3189, 0.3132



12.3022, 0.4259, 0.2120



1.1590, 0.4101, 0.2033

Previews

White Background



This preview shows how the Yxy color 24.3288, 0.4123, 0.2100 looks on a white background.

Color Contrast Check

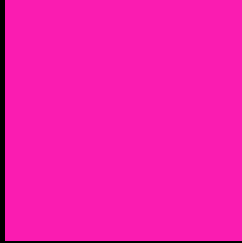
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3288, 0.4123, 0.2100 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 24.3288, 0.4123, 0.2100

Background



This preview shows how black text looks on a background with the Yxy color 24.3288, 0.4123, 0.2100.



This preview shows how white text looks on a background with the Yxy color 24.3288, 0.4123, 0.2100.

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

24.3288, 0.4123, 0.2100

Protanopia

24.8995, 0.1949, 0.1713

Deuteranopia

24.5966, 0.2814, 0.2757



Tritanopia

24.3556, 0.5452, 0.3264

Trichromacy



Original Color

24.3288, 0.4123, 0.2100



Protanomaly

18.9421, 0.2380, 0.1600



Deuteranomaly

20.3168, 0.3251, 0.2258



Tritanomaly

23.7113, 0.5046, 0.2819

Monochromacy



Original Color

24.3288, 0.4123, 0.2100



Achromatopsia

15.8961, 0.3127, 0.3290



Achromatomaly

15.3155, 0.3569, 0.2461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3288, 0.4123, 0.2100 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(250, 28, 177)` looks like.

```
.text, #text, p{  
    color:rgb(250, 28, 177)  
}
```

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(250, 28, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 28, 177) }
```

Border

The CSS property to change the border of an element to Yxy 24.3288, 0.4123, 0.2100 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(250, 28, 177) }
```

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

```
.border{ border-color:rgb(250, 28, 177) }
```

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

Here you see how a box with a 4 pixel rgb(250, 28, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 28, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 28, 177);  
box-shadow:4px 4px 4px 4px rgb(250, 28,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3288, 0.4123, 0.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 28, 177) }
```

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

```
.background{ background-color: rgb(250, 28,  
177) }
```

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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