

Converting Colors

Yxy(24.3388, 0.4067, 0.2059)

Have a look what the booklet for
Yxy(24.3388, 0.4067, 0.2059)
contains.

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Color

Yxy(24.3555, 0.4065, 0.2058)

Conversions

Conversions Part 1

Format	Color
Hex	FA19B5
RGB	250, 25, 181
RGB Percent	98%, 10%, 71%
CMY	0.0197, 0.9015, 0.2902
CMYK	0.00, 0.90, 0.28, 0.02
HSL	318°, 96%, 54%
HSV	318°, 90%, 98%
XYZ	48.1074, 24.3555, 45.8825
YIQ	110.0590, 84.0240, 96.2160

Conversions

Conversions Part 2

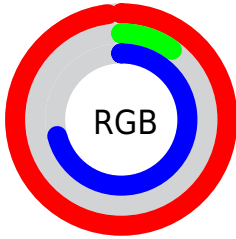
Format	Color
R _Y B	250, 25, 181
Decimal	16390581
CIE Lab	56.44, 86.22, -25.04
CIE LCh	56, 89.782, 343.804
Yxy	24.3555, 0.4065, 0.2058
Android (android.graphics.Color)	4294580661 (0xFFFA19B5)
YUV	110.0590, 34.9739, 122.7283
Hunter-Lab	49.3513, 87.6363, -20.5768

Details

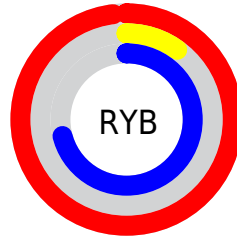
The Yxy color **24.3555, 0.4065, 0.2058** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **69.3772, 0.2859, 0.5418**, and the grayscale version is **15.5086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.8898, 0.3361, 0.2061**, and **12.2499, 0.4220, 0.2099** is the 20% darker color. If you saturate the color by 10%, you get **23.3530, 0.4193, 0.2084**, and if you desaturate by 10%, it is **26.2710, 0.3933, 0.2079**.

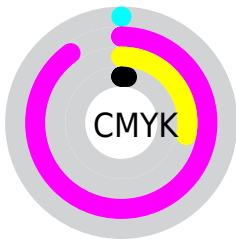
Distribution



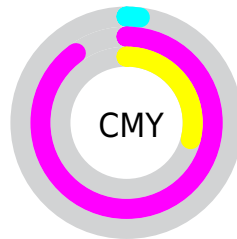
- Red (98%)
- Green (10%)
- Blue (71%)



- Red (98%)
- Yellow (10%)
- Blue (71%)



- Cyan (0%)
- Magenta (90%)
- Yellow (28%)
- Black (2%)





- Cyan (2%)
- Magenta (90%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3555, 0.4065, 0.2058 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 24.3555, 0.4065, 0.2058 by changing the saturation by 10% instead.


 24.3555, 0.4065,
0.2058


 24.3555, 0.4065,
0.2058


274.6129, 0.3587,
0.2664


 15.5975, 0.4186,
0.1913


 50.6097, 0.3890,
0.2274

 9.2398, 0.4340,
0.1732


 68.8747, 0.3824,
0.2356

 4.8979, 0.4545,
0.1501


 91.0776, 0.3769,
0.2427

 2.1875, 0.4827,
0.1202

 117.6027, 0.3722,
0.2487

 0.7132, 0.5236,
0.0802

 148.8343, 0.3681,
0.2540

 0.0000, 0.6032,
0.0000

185.1570, 0.3646,

 0.0000, 0.8533,

0.2586

0.0000

226.9550, 0.3614,
0.2627

■ 0.0000, 0.0000,
0.0000

■ 24.3555, 0.4065,
0.2058

■ 24.3555, 0.4065,
0.2058

■ 23.3530, 0.4193,
0.2084

■ 26.2710, 0.3933,
0.2079

■ 23.3492, 0.4193,
0.2084

■ 29.3683, 0.3801,
0.2149


■ 33.8153, 0.3672,
0.2262

■ 39.7514, 0.3552,
0.2409

■ 47.2986, 0.3442,
0.2577

 56.5665, 0.3345,
0.2757

 67.6547, 0.3261,
0.2940

 80.6553, 0.3188,
0.3119

 95.6541, 0.3127,
0.3291

Harmonies

Analogous

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



24.3555, 0.2539, 0.1550



24.3555, 0.4065, 0.2058



24.3555, 0.5513, 0.2771

Triad

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



24.3555, 0.4065, 0.2058



24.3555, 0.4274, 0.5565



24.3555, 0.0922, 0.1949

Complementary

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



24.3555, 0.4065, 0.2058



69.3772, 0.2859, 0.5418

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.



24.3555, 0.1146, 0.3219



24.3555, 0.4065, 0.2058



24.3555, 0.3034, 0.6212

Square

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



24.3555, 0.4065, 0.2058



24.3555, 0.5373, 0.4485



24.3555, 0.1881, 0.5217



24.3555, 0.1057, 0.1429

Rectangle

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



24.3555, 0.4065, 0.2058



24.3555, 0.5940, 0.3286



24.3555, 0.1881, 0.5217



24.3555, 0.0951, 0.2269

Sweetspot

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



24.3568, 0.4065, 0.2058



62.3747, 0.3319, 0.2810



9.9060, 0.1792, 0.0804



12.5559, 0.3349, 0.2748



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.



24.3568, 0.4065, 0.2058



24.4255, 0.4195, 0.2084



21.4638, 0.5828, 0.3060



17.4286, 0.3185, 0.3127



12.4142, 0.4173, 0.2073



1.1687, 0.4029, 0.1993

Inverse Universe

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



24.3568, 0.4065, 0.2058



24.4255, 0.4195, 0.2084



72.9755, 0.2425, 0.3881



17.4286, 0.3185, 0.3127



12.4142, 0.4173, 0.2073



1.1687, 0.4029, 0.1993

Previews

White Background



This preview shows how the Yxy color 24.3555, 0.4065, 0.2058 looks on a white background.

Color Contrast Check

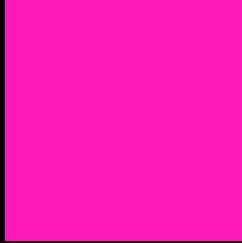
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3555, 0.4065, 0.2058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

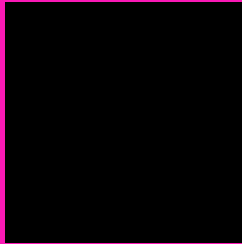
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3555, 0.4065, 0.2058

Background



This preview shows how black text looks on a background with the Yxy color 24.3555, 0.4065, 0.2058.



This preview shows how white text looks on a background with the Yxy color 24.3555, 0.4065, 0.2058.

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

24.3555, 0.4065, 0.2058

Protanopia

24.9979, 0.1906, 0.1658

Deuteranopia

24.5452, 0.2768, 0.2710



Tritanopia

24.3249, 0.5426, 0.3263

Trichromacy



Original Color

24.3555, 0.4065, 0.2058



Protanomaly

18.6090, 0.2302, 0.1534



Deuteranomaly

20.1365, 0.3203, 0.2207



Tritanomaly

23.4786, 0.5009, 0.2789

Monochromacy



Original Color

24.3555, 0.4065, 0.2058



Achromatopsia

15.5926, 0.3127, 0.3290



Achromatomaly

14.9466, 0.3544, 0.2414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3555, 0.4065, 0.2058 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, 25, 181)` looks like.

```
.text, #text, p{  
    color:rgb(250, 25, 181)  
}
```

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, 25, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 25, 181) }
```

Border

The CSS property to change the border of an element to Yxy 24.3555, 0.4065, 0.2058 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, 25, 181) }
```

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

```
.border{ border-color:rgb(250, 25, 181) }
```

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

Here you see how a box with a 4 pixel rgb(250, 25, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 25, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 25, 181);  
box-shadow:4px 4px 4px 4px rgb(250, 25,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3555, 0.4065, 0.2058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 25, 181) }
```

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

```
.background{ background-color: rgb(250, 25,  
181) }
```

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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