

Converting Colors

$Yxy(24.1126, 0.4104, 0.2035)$

Have a look what the booklet for
Yxy(24.1126, 0.4104, 0.2035)
contains.

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Color

Yxy(24.0316, 0.4098, 0.2031)

Conversions

Conversions Part 1

Format	Color
Hex	FC00B5
RGB	252, 0, 181
RGB Percent	99%, 0%, 71%
CMY	0.0117, 1.0000, 0.2902
CMYK	0.00, 1.00, 0.28, 0.01
HSL	317°, 100%, 49%
HSV	317°, 100%, 99%
XYZ	48.4892, 24.0316, 45.8032
YIQ	95.9820, 92.0910, 109.7150

Conversions

Conversions Part 2

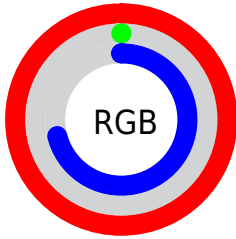
Format	Color
RYB	252, 0, 181
Decimal	16515253
CIELab	56.12, 88.66, -25.51
CIElCh	56, 92.258, 343.947
Yxy	24.0316, 0.4098, 0.2031
Android (android.graphics.Color)	4294705333 (0xFFFC00B5)
YUV	95.9820, 41.9139, 136.8278
Hunter-Lab	49.0220, 90.7711, -21.0815

Details

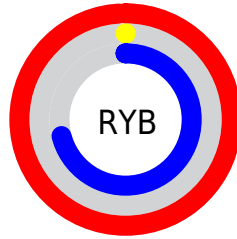
The Yxy color **24.0316, 0.4098, 0.2031** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **70.0834, 0.2908, 0.5669**, and the grayscale version is **11.5736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.6818, 0.3365, 0.2017**, and **12.5057, 0.4249, 0.2114** is the 20% darker color. If you saturate the color by 10%, you get **24.0342, 0.4098, 0.2031**, and if you desaturate by 10%, it is **25.0371, 0.3984, 0.2011**.

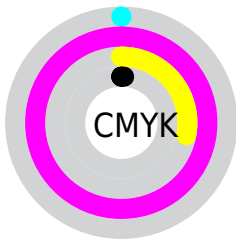
Distribution



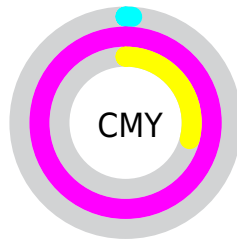
- Red (99%)
- Green (0%)
- Blue (71%)



- Red (99%)
- Yellow (0%)
- Blue (71%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (1%)





- Cyan (1%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0316, 0.4098, 0.2031 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 24.0316, 0.4098, 0.2031 by changing the saturation by 10% instead.


 24.0316, 0.4098,
0.2031


 24.0316, 0.4098,
0.2031


272.9802, 0.3603,
0.2649


 15.3571, 0.4223,
0.1884


 50.0818, 0.3917,
0.2251


 9.0704, 0.4383,
0.1700


 68.2262, 0.3849,
0.2335

 4.7871, 0.4595,
0.1466


 90.2960, 0.3792,
0.2407

 2.1229, 0.4885,
0.1164

 116.6756, 0.3743,
0.2469

 0.6775, 0.5308,
0.0759

 147.7495, 0.3701,
0.2523

 0.0000, 0.6099,
0.0000

183.9019, 0.3664,

 0.0000, 0.8643,

0.2570

0.0000

225.5174, 0.3632,
0.2612

■ 0.0000, 0.0000,
0.0000

■ 24.0316, 0.4098,
0.2031

■ 24.0316, 0.4098,
0.2031

■ 24.0342, 0.4098,
0.2031

■ 25.0371, 0.3984,
0.2011

■ 26.9631, 0.3866,
0.2036

■ 30.0911, 0.3746,
0.2111

■ 34.5910, 0.3630,
0.2228

■ 40.6053, 0.3520,
0.2379

■ 48.2584, 0.3420,
0.2553

■ 57.6620, 0.3330,
0.2738

■ 68.9178, 0.3252,
0.2926

■ 82.1196, 0.3184,
0.3112

Harmonies

Analogous

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



24.0316, 0.2526, 0.1515



24.0316, 0.4098, 0.2031



24.0316, 0.5589, 0.2752

Triad

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



24.0316, 0.4098, 0.2031



24.0316, 0.4270, 0.5612



24.0316, 0.0881, 0.1906

Complementary

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



24.0316, 0.4098, 0.2031



70.0834, 0.2908, 0.5669

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.



24.0316, 0.1097, 0.3198



24.0316, 0.4098, 0.2031



24.0316, 0.3000, 0.6306

Square

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



24.0316, 0.4098, 0.2031



24.0316, 0.5405, 0.4489



24.0316, 0.1833, 0.5280



24.0316, 0.1020, 0.1387

Rectangle

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



24.0316, 0.4098, 0.2031



24.0316, 0.6015, 0.3270



24.0316, 0.1833, 0.5280



24.0316, 0.0907, 0.2228

Sweetspot

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



24.0342, 0.4098, 0.2031



59.2089, 0.3330, 0.2737



8.2295, 0.1648, 0.0681



11.7528, 0.3367, 0.2658



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.



24.0342, 0.4098, 0.2031



24.6853, 0.4099, 0.2032



21.0114, 0.6024, 0.3092



17.4363, 0.3181, 0.3121



12.5448, 0.4079, 0.2021



1.1800, 0.3951, 0.1950

Inverse Universe

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



24.0342, 0.4098, 0.2031



24.6853, 0.4099, 0.2032



73.4880, 0.2465, 0.4074



17.4363, 0.3181, 0.3121



12.5448, 0.4079, 0.2021



1.1800, 0.3951, 0.1950

Previews

White Background



This preview shows how the Yxy color 24.0316, 0.4098, 0.2031 looks on a white background.

Color Contrast Check

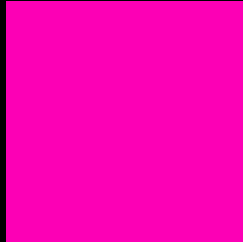
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0316, 0.4098, 0.2031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

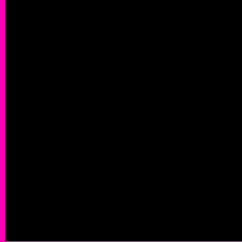
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0316, 0.4098, 0.2031

Background



This preview shows how black text looks on a background with the Yxy color 24.0316, 0.4098, 0.2031.



This preview shows how white text looks on a background with the Yxy color 24.0316, 0.4098, 0.2031.

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

24.0316, 0.4098, 0.2031

Protanopia

25.0246, 0.1899, 0.1649

Deuteranopia

24.5452, 0.2768, 0.2710



Tritanopia

24.2476, 0.5498, 0.3265

Trichromacy



Original Color

24.0316, 0.4098, 0.2031



Protanomaly

17.1763, 0.2282, 0.1434



Deuteranomaly

18.7442, 0.3221, 0.2104



Tritanomaly

22.8658, 0.5082, 0.2745

Monochromacy



Original Color

24.0316, 0.4098, 0.2031



Achromatopsia

11.6971, 0.3127, 0.3290



Achromatomaly

11.6421, 0.3610, 0.2255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0316, 0.4098, 0.2031 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(252, 0, 181)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 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(252, 0, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 181) }
```

Border

The CSS property to change the border of an element to Yxy 24.0316, 0.4098, 0.2031 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(252, 0, 181) }
```

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

```
.border{ border-color:rgb(252, 0, 181) }
```

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

Here you see how a box with a 4 pixel rgb(252, 0, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 181);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0316, 0.4098, 0.2031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 181) }
```

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

```
.background{ background-color: rgb(252, 0,  
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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