

Converting Colors

Yxy(23.9749, 0.4155, 0.2063)

Have a look what the booklet for
Yxy(23.9749, 0.4155, 0.2063)
contains.

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Color

Yxy(23.9098, 0.4143, 0.2056)

Conversions

Conversions Part 1

Format	Color
Hex	FC00B2
RGB	252, 0, 178
RGB Percent	99%, 0%, 70%
CMY	0.0118, 0.9996, 0.3019
CMYK	0.00, 1.00, 0.29, 0.01
HSL	318°, 100%, 49%
HSV	318°, 100%, 99%
XYZ	48.1801, 23.9098, 44.2029
YIQ	95.6400, 93.0540, 108.7820

Conversions

Conversions Part 2

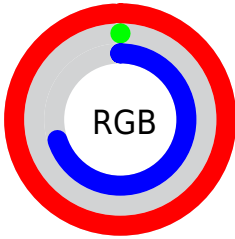
Format	Color
R_{YB}	252, 0, 178
Decimal	16515250
CIE _{Lab}	56.00, 88.34, -23.96
CIE _{LCh}	56, 91.527, 344.826
Yxy	23.9098, 0.4143, 0.2056
Android (android.graphics.Color)	4294705330 (0xFFFC00B2)
YUV	95.6400, 40.6035, 137.1277
Hunter-Lab	48.8976, 90.3097, -19.3691

Details

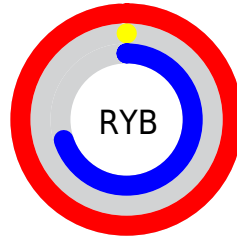
The Yxy color **23.9098, 0.4143, 0.2056** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **70.1126, 0.2900, 0.5641**, and the grayscale version is **11.5022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.5079, 0.3395, 0.2040**, and **12.4278, 0.4311, 0.2148** is the 20% darker color. If you saturate the color by 10%, you get **23.9081, 0.4143, 0.2056**, and if you desaturate by 10%, it is **24.9223, 0.4022, 0.2033**.

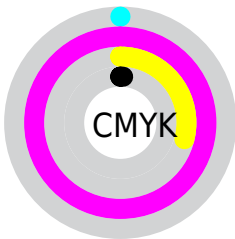
Distribution



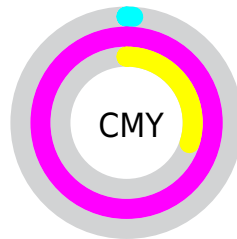
- Red (99%)
- Green (0%)
- Blue (70%)



- Red (99%)
- Yellow (0%)
- Blue (70%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (1%)




- Cyan (1%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.9098, 0.4143, 0.2056 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 23.9098, 0.4143, 0.2056 by changing the saturation by 10% instead.


 23.9098, 0.4143,
0.2056


 23.9098, 0.4143,
0.2056


272.3641, 0.3621,
0.2665


 15.2667, 0.4276,
0.1910


 49.8830, 0.3951,
0.2274

 9.0068, 0.4447,
0.1727


 67.9818, 0.3879,
0.2357

 4.7456, 0.4675,
0.1493


 90.0015, 0.3819,
0.2427

 2.0988, 0.4990,
0.1189

 116.3262, 0.3768,
0.2488

 0.6639, 0.5457,
0.0776

 147.3404, 0.3724,
0.2541

 0.0000, 0.6330,
0.0000

183.4286, 0.3685,

 0.0000, 1.0000,

0.2587

0.0000

224.9750, 0.3651,
0.2628

■ 0.0000, 0.0000,
0.0000

■ 23.9098, 0.4143,
0.2056

■ 23.9098, 0.4143,
0.2056

■ 23.9081, 0.4143,
0.2056

■ 24.9223, 0.4022,
0.2033

■ 26.8594, 0.3898,
0.2056

■ 30.0004, 0.3772,
0.2129

■ 34.5149, 0.3650,
0.2245

■ 40.5452, 0.3535,
0.2393

■ 48.2158, 0.3430,
0.2564

■ 57.6384, 0.3337,
0.2747

■ 68.9145, 0.3256,
0.2933

■ 82.1381, 0.3186,
0.3115

Harmonies

Analogous

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



23.9098, 0.2569, 0.1533



23.9098, 0.4143, 0.2056



23.9098, 0.5605, 0.2779

Triad

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



23.9098, 0.4143, 0.2056



23.9098, 0.4232, 0.5635



23.9098, 0.0888, 0.1890

Complementary

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



23.9098, 0.4143, 0.2056



70.1126, 0.2900, 0.5641

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.



23.9098, 0.1093, 0.3149



23.9098, 0.4143, 0.2056



23.9098, 0.2970, 0.6287

Square

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



23.9098, 0.4143, 0.2056



23.9098, 0.5371, 0.4521



23.9098, 0.1812, 0.5208



23.9098, 0.1036, 0.1388

Rectangle

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



23.9098, 0.4143, 0.2056



23.9098, 0.6006, 0.3297



23.9098, 0.1812, 0.5208



23.9098, 0.0912, 0.2203

Sweetspot

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



23.9111, 0.4143, 0.2056



59.1567, 0.3338, 0.2746



8.3869, 0.1666, 0.0692



11.7403, 0.3375, 0.2668



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.



23.9111, 0.4143, 0.2056



24.5599, 0.4144, 0.2057



20.9688, 0.6070, 0.3117



17.4326, 0.3183, 0.3124



12.4818, 0.4124, 0.2045



1.1745, 0.3988, 0.1971

Inverse Universe

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



23.9111, 0.4143, 0.2056



24.5599, 0.4144, 0.2057



73.6675, 0.2448, 0.4014



17.4326, 0.3183, 0.3124



12.4818, 0.4124, 0.2045



1.1745, 0.3988, 0.1971

Previews

White Background



This preview shows how the Yxy color 23.9098, 0.4143, 0.2056 looks on a white background.

Color Contrast Check

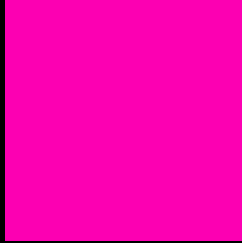
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9098, 0.4143, 0.2056 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 23.9098, 0.4143, 0.2056

Background



This preview shows how black text looks on a background with the Yxy color 23.9098, 0.4143, 0.2056.



This preview shows how white text looks on a background with the Yxy color 23.9098, 0.4143, 0.2056.

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

23.9098, 0.4143, 0.2056

Protanopia

24.9979, 0.1906, 0.1658

Deuteranopia

24.5148, 0.2804, 0.2756



Tritanopia

24.2738, 0.5536, 0.3274

Trichromacy



Original Color

23.9098, 0.4143, 0.2056



Protanomaly

17.1500, 0.2303, 0.1451



Deuteranomaly

18.6294, 0.3259, 0.2137



Tritanomaly

22.9809, 0.5139, 0.2778

Monochromacy



Original Color

23.9098, 0.4143, 0.2056



Achromatopsia

11.6971, 0.3127, 0.3290



Achromatomaly

11.6161, 0.3628, 0.2269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9098, 0.4143, 0.2056 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, 178)` looks like.

```
.text, #text, p{  
  color:rgb(252, 0, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 178) }
```

Border

The CSS property to change the border of an element to Yxy 23.9098, 0.4143, 0.2056 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, 178) }
```

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

```
.border{ border-color:rgb(252, 0, 178) }
```

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, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 178);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9098, 0.4143, 0.2056 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, 178) }
```

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

```
.background{ background-color: rgb(252, 0,  
178) }
```

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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