

Converting Colors

Yxy(23.2485, 0.4232, 0.2105)

Have a look what the booklet for
Yxy(23.2485, 0.4232, 0.2105)
contains.

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Color

Yxy(23.2643, 0.4229, 0.2104)

Conversions

Conversions Part 1

Format	Color
Hex	FA01AB
RGB	250, 1, 171
RGB Percent	98%, 0%, 67%
CMY	0.0198, 0.9980, 0.3295
CMYK	0.00, 1.00, 0.32, 0.02
HSL	319°, 100%, 49%
HSV	319°, 100%, 98%
XYZ	46.7608, 23.2643, 40.5467
YIQ	94.8310, 93.8340, 105.6580

Conversions

Conversions Part 2

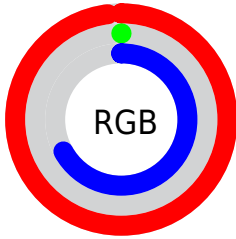
Format	Color
R _Y B	250, 1, 171
Decimal	16384427
CIE Lab	55.34, 87.20, -20.88
CIE LCh	55, 89.666, 346.532
Yxy	23.2643, 0.4229, 0.2104
Android (android.graphics.Color)	4294574507 (0xFFFA01AB)
YUV	94.8310, 37.5513, 136.0832
Hunter-Lab	48.2331, 88.6435, -16.0784

Details

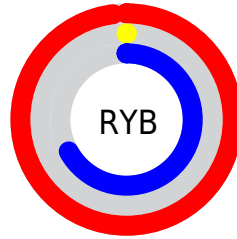
The Yxy color **23.2643, 0.4229, 0.2104** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **68.9153, 0.2885, 0.5583**, and the grayscale version is **11.2160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.0583, 0.3477, 0.2103**, and **12.0233, 0.4408, 0.2202** is the 20% darker color. If you saturate the color by 10%, you get **23.2485, 0.4232, 0.2105**, and if you desaturate by 10%, it is **24.2823, 0.4096, 0.2077**.

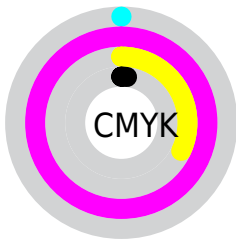
Distribution



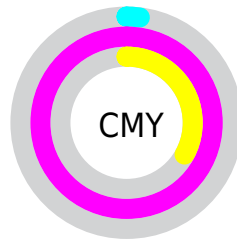
- Red (98%)
- Green (0%)
- Blue (67%)



- Red (98%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (2%)





- Cyan (2%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2643, 0.4229, 0.2104 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 23.2643, 0.4229, 0.2104 by changing the saturation by 10% instead.


 23.2643, 0.4229,
0.2104


 23.2643, 0.4229,
0.2104


269.0796, 0.3654,
0.2697


 14.7888, 0.4379,
0.1959


 48.8269, 0.4015,
0.2318


 8.6713, 0.4573,
0.1776


 66.6829, 0.3936,
0.2399


 4.5274, 0.4835,
0.1540


 88.4344, 0.3870,
0.2468

 1.9727, 0.5204,
0.1229

 114.4659, 0.3814,
0.2527

 0.5916, 0.5773,
0.0781

 145.1617, 0.3765,
0.2578

 0.0000, 0.6808,
0.0000

180.9064, 0.3723,

 0.0000, 1.0000,

0.2622

0.0000

222.0842, 0.3686,
0.2662

■ 0.0000, 0.0000,
0.0000

■ 23.2643, 0.4229,
0.2104

■ 23.2643, 0.4229,
0.2104

■ 23.2485, 0.4232,
0.2105

■ 24.2823, 0.4096,
0.2077

■ 26.2184, 0.3958,
0.2096

■ 29.3414, 0.3821,
0.2165

■ 33.8170, 0.3687,
0.2278

■ 39.7845, 0.3563,
0.2423

■ 47.3657, 0.3450,
0.2589

■ 56.6698, 0.3350,
0.2767

■ 67.7963, 0.3263,
0.2947

■ 80.8374, 0.3189,
0.3124

Harmonies

Analogous

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



23.2643, 0.2651, 0.1568



23.2643, 0.4229, 0.2104



23.2643, 0.5635, 0.2830

Triad

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



23.2643, 0.4229, 0.2104



23.2643, 0.4161, 0.5677



23.2643, 0.0903, 0.1859

Complementary

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



23.2643, 0.4229, 0.2104



68.9153, 0.2885, 0.5583

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.



23.2643, 0.1086, 0.3056



23.2643, 0.4229, 0.2104



23.2643, 0.2910, 0.6248

Square

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



23.2643, 0.4229, 0.2104



23.2643, 0.5304, 0.4582



23.2643, 0.1772, 0.5069



23.2643, 0.1068, 0.1388

Rectangle

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



23.2643, 0.4229, 0.2104



23.2643, 0.5988, 0.3350



23.2643, 0.1772, 0.5069



23.2643, 0.0920, 0.2157

Sweetspot

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



23.2656, 0.4229, 0.2104



59.0574, 0.3352, 0.2763



8.4195, 0.1688, 0.0704



11.7165, 0.3393, 0.2687



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.



23.2656, 0.4229, 0.2104



24.3268, 0.4233, 0.2106



20.5596, 0.6108, 0.3140



17.4256, 0.3187, 0.3129



12.3645, 0.4211, 0.2093



1.1644, 0.4061, 0.2011

Inverse Universe

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



23.2656, 0.4229, 0.2104



24.3268, 0.4233, 0.2106



72.5169, 0.2432, 0.3953



17.4256, 0.3187, 0.3129



12.3645, 0.4211, 0.2093



1.1644, 0.4061, 0.2011

Previews

White Background



This preview shows how the Yxy color 23.2643, 0.4229, 0.2104 looks on a white background.

Color Contrast Check

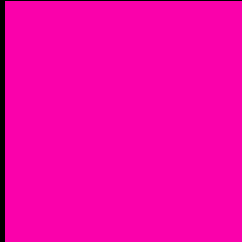
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2643, 0.4229, 0.2104 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 23.2643, 0.4229, 0.2104

Background



This preview shows how black text looks on a background with the Yxy color 23.2643, 0.4229, 0.2104.



This preview shows how white text looks on a background with the Yxy color 23.2643, 0.4229, 0.2104.

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

23.2860, 0.4229, 0.2105

Protanopia

24.1166, 0.1956, 0.1718

Deuteranopia

23.8390, 0.2868, 0.2814



Tritanopia

23.6311, 0.5574, 0.3282

Trichromacy



Original Color

23.2860, 0.4229, 0.2105



Protanomaly

16.8590, 0.2397, 0.1519



Deuteranomaly

18.2511, 0.3338, 0.2193



Tritanomaly

22.3821, 0.5194, 0.2800

Monochromacy



Original Color

23.2860, 0.4229, 0.2105



Achromatopsia

11.4435, 0.3127, 0.3290



Achromatomaly

11.3469, 0.3650, 0.2300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2643, 0.4229, 0.2104 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, 1, 171)` looks like.

```
.text, #text, p{  
  color:rgb(250, 1, 171)  
}
```

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, 1, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 1, 171) }
```

Border

The CSS property to change the border of an element to Yxy 23.2643, 0.4229, 0.2104 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, 1, 171) }
```

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

```
.border{ border-color:rgb(250, 1, 171) }
```

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

Here you see how a box with a 4 pixel rgb(250, 1, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 1, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 1, 171);  
box-shadow:4px 4px 4px 4px rgb(250, 1,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2643, 0.4229, 0.2104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 1, 171) }
```

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

```
.background{ background-color: rgb(250, 1,  
171) }
```

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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