

Converting Colors

Yxy(22.3159, 0.4673, 0.2348)

Have a look what the booklet for
Yxy(22.3159, 0.4673, 0.2348)
contains.

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Color

Yxy(22.3376, 0.4672, 0.2348)

Conversions

Conversions Part 1

Format	Color
Hex	FA0090
RGB	250, 0, 144
RGB Percent	98%, 0%, 56%
CMY	0.0198, 0.9983, 0.4353
CMYK	0.00, 1.00, 0.42, 0.02
HSL	325°, 100%, 49%
HSV	325°, 100%, 98%
XYZ	44.4469, 22.3376, 28.3501
YIQ	91.1660, 102.7760, 97.7840

Conversions

Conversions Part 2

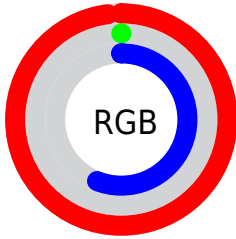
Format	Color
RYB	250, 0, 144
Decimal	16384144
CIELab	54.38, 84.72, -6.36
CIELCh	54, 84.956, 355.707
Yxy	22.3376, 0.4672, 0.2348
Android (android.graphics.Color)	4294574224 (0xFFFA0090)
YUV	91.1660, 26.0472, 139.2974
Hunter-Lab	47.2627, 85.1557, -2.4807

Details

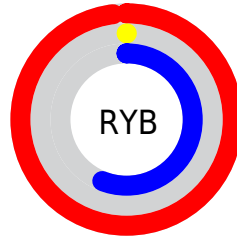
The Yxy color **22.3376, 0.4672, 0.2348** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **69.3973, 0.2801, 0.5282**, and the grayscale version is **10.4798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.2609, 0.3796, 0.2327**, and **11.3729, 0.4950, 0.2500** is the 20% darker color. If you saturate the color by 10%, you get **22.3243, 0.4675, 0.2349**, and if you desaturate by 10%, it is **23.3830, 0.4476, 0.2293**.

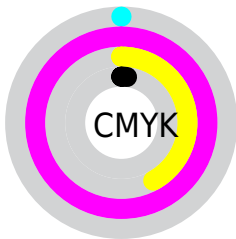
Distribution



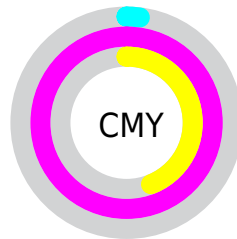
- Red (98%)
- Green (0%)
- Blue (56%)



- Red (98%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (2%)




- Cyan (2%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3376, 0.4672, 0.2348 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 22.3376, 0.4672, 0.2348 by changing the saturation by 10% instead.


 22.3376, 0.4672,
0.2348


 22.3376, 0.4672,
0.2348


264.3043, 0.3830,
0.2849


 14.1052, 0.4903,
0.2215


 47.3033, 0.4350,
0.2536


 8.1939, 0.5211,
0.2041


 64.8055, 0.4234,
0.2605


 4.2192, 0.5639,
0.1806

 86.1662, 0.4138,
0.2663

 1.7969, 0.6261,
0.1475

 111.7701, 0.4057,
0.2711

 0.4853, 0.7283,
0.0904

 142.0015, 0.3987,
0.2753

 0.0000, 1.0000,
0.0000

177.2447, 0.3928,

 0.0000, 0.0000,

0.2789

0.0000

217.8841, 0.3876,
0.2821

■ 22.3376, 0.4672,
0.2348

■ 22.3376, 0.4672,
0.2348

■ 22.3243, 0.4675,
0.2349

■ 23.3830, 0.4476,
0.2293

■ 25.3578, 0.4275,
0.2288

■ 28.5324, 0.4074,
0.2335

■ 33.0732, 0.3883,
0.2427

■ 39.1198, 0.3708,
0.2550

■ 46.7946, 0.3552,
0.2693

■ 56.2073, 0.3418,
0.2845

■ 67.4578, 0.3303,
0.2999

■ 80.6386, 0.3206,
0.3149

Harmonies

Analogous

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



22.3376, 0.3099, 0.1746



22.3376, 0.4672, 0.2348



22.3376, 0.5772, 0.3092

Triad

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



22.3376, 0.4672, 0.2348



22.3376, 0.3793, 0.5885



22.3376, 0.0971, 0.1710

Complementary

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



22.3376, 0.4672, 0.2348



69.3973, 0.2801, 0.5282

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.



22.3376, 0.1043, 0.2625



22.3376, 0.4672, 0.2348



22.3376, 0.2579, 0.5976

Square

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



22.3376, 0.4672, 0.2348



22.3376, 0.4959, 0.4902



22.3376, 0.1559, 0.4382



22.3376, 0.1235, 0.1384

Rectangle

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



22.3376, 0.4672, 0.2348



22.3376, 0.5886, 0.3624



22.3376, 0.1559, 0.4382



22.3376, 0.0956, 0.1931

Sweetspot

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



22.3389, 0.4672, 0.2348



58.6016, 0.3420, 0.2842



9.8755, 0.1856, 0.0797



11.6078, 0.3475, 0.2777



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.



22.3389, 0.4672, 0.2348



23.3575, 0.4677, 0.2350



20.3806, 0.6328, 0.3261



17.3927, 0.3203, 0.3154



11.8753, 0.4645, 0.2332



1.1211, 0.4425, 0.2212

Inverse Universe

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



22.3389, 0.4672, 0.2348



23.3575, 0.4677, 0.2350



74.0149, 0.2320, 0.3552



17.3927, 0.3203, 0.3154



11.8753, 0.4645, 0.2332



1.1211, 0.4425, 0.2212

Previews

White Background



This preview shows how the Yxy color 22.3376, 0.4672, 0.2348 looks on a white background.

Color Contrast Check

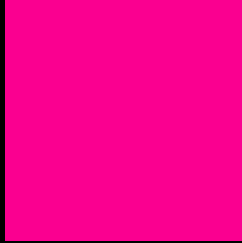
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3376, 0.4672, 0.2348 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 22.3376, 0.4672, 0.2348

Background



This preview shows how black text looks on a background with the Yxy color 22.3376, 0.4672, 0.2348.



This preview shows how white text looks on a background with the Yxy color 22.3376, 0.4672, 0.2348.

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

22.3376, 0.4672, 0.2348

Protanopia

23.0303, 0.2240, 0.2097

Deuteranopia

22.7118, 0.3251, 0.3189



Tritanopia

22.6442, 0.5797, 0.3291

Trichromacy



Original Color

22.3376, 0.4672, 0.2348



Protanomaly

16.5632, 0.2847, 0.1858



Deuteranomaly

17.6361, 0.3819, 0.2518



Tritanomaly

21.7572, 0.5509, 0.2938

Monochromacy



Original Color

22.3376, 0.4672, 0.2348



Achromatopsia

10.4616, 0.3127, 0.3290



Achromatomaly

10.5415, 0.3874, 0.2442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3376, 0.4672, 0.2348 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, 0, 144)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 144)  
}
```

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, 0, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 144) }
```

Border

The CSS property to change the border of an element to Yxy 22.3376, 0.4672, 0.2348 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, 0, 144) }
```

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

```
.border{ border-color:rgb(250, 0, 144) }
```

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

Here you see how a box with a 4 pixel rgb(250, 0, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 144);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3376, 0.4672, 0.2348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 144) }
```

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

```
.background{ background-color: rgb(250, 0,  
144) }
```

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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