

Converting Colors

$Y_{xy}(23.0859, 0.4615, 0.2370)$

Have a look what the booklet for
Yxy(23.0859, 0.4615, 0.2370)
contains.

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Color

Yxy(23.0946, 0.4619, 0.2373)

Conversions

Conversions Part 1

Format	Color
Hex	FA1992
RGB	250, 25, 146
RGB Percent	98%, 10%, 57%
CMY	0.0197, 0.9014, 0.4275
CMYK	0.00, 0.90, 0.42, 0.02
HSL	328°, 96%, 54%
HSV	328°, 90%, 98%
XYZ	44.9532, 23.0946, 29.2746
YIQ	106.0690, 95.2590, 85.3310

Conversions

Conversions Part 2

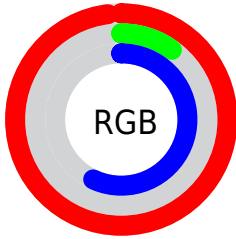
Format	Color
R_{YB}	250, 25, 146
Decimal	16390546
CIE _{Lab}	55.17, 82.80, -6.38
CIE _{LCh}	55, 83.042, 355.595
Yxy	23.0946, 0.4619, 0.2373
Android (android.graphics.Color)	4294580626 (0xFFFA1992)
YUV	106.0690, 19.6860, 126.2275
Hunter-Lab	48.0568, 82.8725, -2.4776

Details

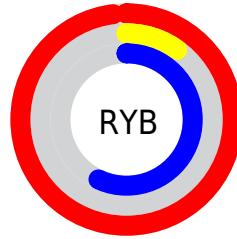
The Yxy color **23.0946, 0.4619, 0.2373** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **70.1545, 0.2734, 0.4974**, and the grayscale version is **14.3796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.5333, 0.3762, 0.2357**, and **11.4093, 0.4904, 0.2475** is the 20% darker color. If you saturate the color by 10%, you get **22.0559, 0.4836, 0.2438**, and if you desaturate by 10%, it is **25.0659, 0.4394, 0.2358**.

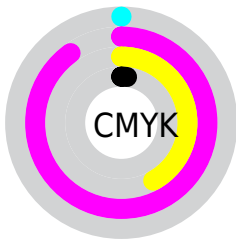
Distribution



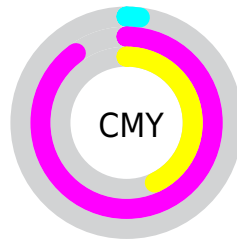
- Red (98%)
- Green (10%)
- Blue (57%)



- Red (98%)
- Yellow (10%)
- Blue (57%)



- Cyan (0%)
- Magenta (90%)
- Yellow (42%)
- Black (2%)




- Cyan (2%)
- Magenta (90%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0946, 0.4619, 0.2373 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 23.0946, 0.4619, 0.2373 by changing the saturation by 10% instead.


 23.0946, 0.4619,
0.2373


 23.0946, 0.4619,
0.2373


268.2105, 0.3809,
0.2859


 14.6634, 0.4841,
0.2245


 48.5486, 0.4310,
0.2555

 8.5835, 0.5136,
0.2077


 66.3402, 0.4198,
0.2622


 4.4705, 0.5544,
0.1849

 88.0207, 0.4106,
0.2678

 1.9401, 0.6139,
0.1530

 113.9745, 0.4028,
0.2725

 0.5723, 0.7090,
0.1012

 144.5859, 0.3961,
0.2766

 0.0000, 1.0000,
0.0000

180.2395, 0.3903,

 0.0000, 0.0000,

0.2801

0.0000

221.3196, 0.3853,
0.2832

■ 23.0946, 0.4619,
0.2373

■ 23.0946, 0.4619,
0.2373

■ 22.0559, 0.4836,
0.2438

■ 25.0659, 0.4394,
0.2358

■ 22.0510, 0.4837,
0.2438

■ 28.2392, 0.4169,
0.2397

■ 32.7827, 0.3956,
0.2480

■ 38.8367, 0.3762,
0.2595

■ 46.5239, 0.3591,
0.2729

■ 55.9543, 0.3443,
0.2872

■ 67.2282, 0.3318,
0.3016

■ 80.4385, 0.3214,
0.3157

■ 95.6714, 0.3127,
0.3291

Harmonies

Analogous

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



23.0946, 0.3098, 0.1780



23.0946, 0.4619, 0.2373



23.0946, 0.5691, 0.3109

Triad

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



23.0946, 0.4619, 0.2373



23.0946, 0.3808, 0.5818



23.0946, 0.1014, 0.1755

Complementary

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



23.0946, 0.4619, 0.2373



70.1545, 0.2734, 0.4974

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.



23.0946, 0.1091, 0.2659



23.0946, 0.4619, 0.2373



23.0946, 0.2616, 0.5876

Square

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



23.0946, 0.4619, 0.2373



23.0946, 0.4936, 0.4882



23.0946, 0.1610, 0.4352



23.0946, 0.1274, 0.1427

Rectangle

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



23.0946, 0.4619, 0.2373



23.0946, 0.5817, 0.3637



23.0946, 0.1610, 0.4352



23.0946, 0.1000, 0.1976

Sweetspot

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



23.0959, 0.4619, 0.2373



61.7771, 0.3404, 0.2914



12.0619, 0.2024, 0.0930



12.4146, 0.3450, 0.2865



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.



23.0959, 0.4619, 0.2373



23.0676, 0.4839, 0.2440



21.1509, 0.6176, 0.3258



17.3812, 0.3209, 0.3163



11.7283, 0.4804, 0.2420



1.1077, 0.4560, 0.2286

Inverse Universe

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



23.0959, 0.4619, 0.2373



23.0676, 0.4839, 0.2440



74.7823, 0.2298, 0.3428



17.3812, 0.3209, 0.3163



11.7283, 0.4804, 0.2420



1.1077, 0.4560, 0.2286

Previews

White Background



This preview shows how the Yxy color 23.0946, 0.4619, 0.2373 looks on a white background.

Color Contrast Check

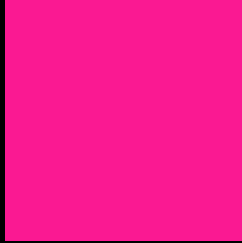
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0946, 0.4619, 0.2373 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 23.0946, 0.4619, 0.2373

Background



This preview shows how black text looks on a background with the Yxy color 23.0946, 0.4619, 0.2373.



This preview shows how white text looks on a background with the Yxy color 23.0946, 0.4619, 0.2373.

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

23.0946, 0.4619, 0.2373

Protanopia

23.4735, 0.2263, 0.2119

Deuteranopia

23.3791, 0.3237, 0.3190



Tritanopia

23.1088, 0.5715, 0.3284

Trichromacy



Original Color

23.0946, 0.4619, 0.2373



Protanomaly

18.4262, 0.2864, 0.1978



Deuteranomaly

19.4135, 0.3772, 0.2622



Tritanomaly

22.6784, 0.5402, 0.2960

Monochromacy



Original Color

23.0946, 0.4619, 0.2373



Achromatopsia

14.4128, 0.3127, 0.3290



Achromatomaly

13.9573, 0.3750, 0.2590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0946, 0.4619, 0.2373 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(250, 25, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 25, 146) }
```

Border

The CSS property to change the border of an element to Yxy 23.0946, 0.4619, 0.2373 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, 146) }
```

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

```
.border{ border-color:rgb(250, 25, 146) }
```

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, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 25, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 25, 146);  
box-shadow:4px 4px 4px 4px rgb(250, 25,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0946, 0.4619, 0.2373 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, 146) }
```

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

```
.background{ background-color: rgb(250, 25,  
146) }
```

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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