

Converting Colors

$Yxy(23.9207, 0.4757, 0.2453)$

Have a look what the booklet for
Yxy(23.9207, 0.4757, 0.2453)
contains.

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Color

Yxy(23.9219, 0.4751, 0.2448)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF1A8D |
| RGB | 255, 26, 141 |
| RGB Percent | 100%, 10%, 55% |
| CMY | 0.0000, 0.8985, 0.4470 |
| CMYK | 0.00, 0.90, 0.45, 0.00 |
| HSL | 330°, 100%, 55% |
| HSV | 330°, 90%, 100% |
| XYZ | 46.4269, 23.9219, 27.3714 |
| YIQ | 107.5810, 99.5690, 84.3130 |

Conversions

Conversions Part 2

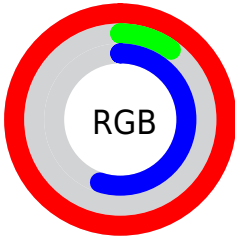
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 26, 141 |
| Decimal | 16718477 |
| CIE Lab | 56.01, 83.39, -2.07 |
| CIE LCh | 56, 83.414, 358.578 |
| Yxy | 23.9219, 0.4751, 0.2448 |
| Android (android.graphics.Color) | 4294908557 (0xFFFF1A8D) |
| YUV | 107.5810, 16.4756, 129.2865 |
| Hunter-Lab | 48.9100, 83.8450, 1.0567 |

Details

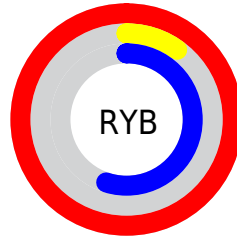
The Yxy color **23.9219, 0.4751, 0.2448** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **73.6279, 0.2703, 0.4865**, and the grayscale version is **14.7846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4631, 0.3831, 0.2420**, and **11.9618, 0.5076, 0.2570** is the 20% darker color. If you saturate the color by 10%, you get **22.8352, 0.4987, 0.2522**, and if you desaturate by 10%, it is **25.9839, 0.4503, 0.2425**.

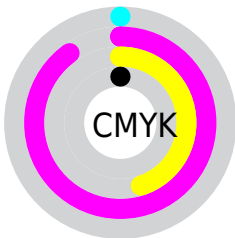
Distribution



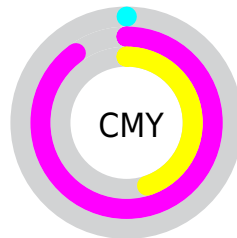
- Red (100%)
- Green (10%)
- Blue (55%)



- Red (100%)
- Yellow (10%)
- Blue (55%)



- Cyan (0%)
- Magenta (90%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (90%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.9219, 0.4751, 0.2448 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 23.9219, 0.4751, 0.2448 by changing the saturation by 10% instead.


 23.9219, 0.4751,
0.2448


 23.9219, 0.4751,
0.2448


272.4254, 0.3868,
0.2902


 15.2757, 0.4992,
0.2326


 49.9027, 0.4414,
0.2620


 9.0131, 0.5312,
0.2164


 68.0061, 0.4293,
0.2682


 4.7497, 0.5754,
0.1943

 90.0307, 0.4192,
0.2734

 2.1012, 0.6392,
0.1628

 116.3609, 0.4106,
0.2778

 0.6653, 0.7373,
0.1139

 147.3811, 0.4034,
0.2816

 0.0000, 1.0000,
0.0000

183.4756, 0.3971,

 0.0000, 0.0000,

0.2848

0.0000

225.0289, 0.3917,
0.2877

■ 23.9219, 0.4751,
0.2448

■ 23.9219, 0.4751,
0.2448

■ 22.8352, 0.4987,
0.2522

■ 25.9839, 0.4503,
0.2425

■ 22.8219, 0.4991,
0.2523

■ 29.3182, 0.4256,
0.2456

■ 34.0952, 0.4022,
0.2532

■ 40.4622, 0.3810,
0.2639

■ 48.5482, 0.3624,
0.2764

■ 58.4690, 0.3465,
0.2899

■ 70.3299, 0.3330,
0.3035

■ 84.2285, 0.3219,
0.3167

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



23.9219, 0.3242, 0.1836



23.9219, 0.4751, 0.2448



23.9219, 0.5725, 0.3190

Triad

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



23.9219, 0.4751, 0.2448



23.9219, 0.3691, 0.5868



23.9219, 0.1034, 0.1711

Complementary

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



23.9219, 0.4751, 0.2448



73.6279, 0.2703, 0.4865

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.



23.9219, 0.1077, 0.2541



23.9219, 0.4751, 0.2448



23.9219, 0.2509, 0.5768

Square

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



23.9219, 0.4751, 0.2448



23.9219, 0.4828, 0.4980



23.9219, 0.1545, 0.4154



23.9219, 0.1327, 0.1425

Rectangle

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



23.9219, 0.4751, 0.2448



23.9219, 0.5782, 0.3723



23.9219, 0.1545, 0.4154



23.9219, 0.1010, 0.1912

Sweetspot

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



23.9168, 0.4751, 0.2448



61.6479, 0.3424, 0.2938



13.2400, 0.2084, 0.0962



12.3842, 0.3473, 0.2891



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.



23.9168, 0.4751, 0.2448



22.8219, 0.4991, 0.2523



22.0857, 0.6227, 0.3287



18.1394, 0.3215, 0.3171



11.9551, 0.4954, 0.2503



1.1861, 0.4701, 0.2363

Inverse Universe

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



23.9168, 0.4751, 0.2448



22.8219, 0.4991, 0.2523



78.7145, 0.2271, 0.3334



18.1394, 0.3215, 0.3171



11.9551, 0.4954, 0.2503



1.1861, 0.4701, 0.2363

Previews

White Background



This preview shows how the Yxy color 23.9219, 0.4751, 0.2448 looks on a white background.

Color Contrast Check

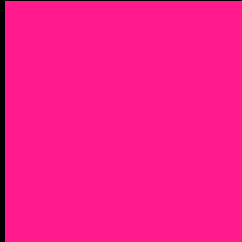
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9219, 0.4751, 0.2448 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 23.9219, 0.4751, 0.2448

Background



This preview shows how black text looks on a background with the Yxy color 23.9219, 0.4751, 0.2448.



This preview shows how white text looks on a background with the Yxy color 23.9219, 0.4751, 0.2448.

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

23.9219, 0.4751, 0.2448

Protanopia

24.3899, 0.2363, 0.2261

Deuteranopia

23.9665, 0.3351, 0.3291



Tritanopia

24.0779, 0.5774, 0.3291

Trichromacy



Original Color

23.9219, 0.4751, 0.2448



Protanomaly

19.1526, 0.3000, 0.2093



Deuteranomaly

20.0669, 0.3910, 0.2718



Tritanomaly

23.5475, 0.5481, 0.2998

Monochromacy



Original Color

23.9219, 0.4751, 0.2448



Achromatopsia

14.9960, 0.3127, 0.3290



Achromatomaly

14.3819, 0.3809, 0.2632

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9219, 0.4751, 0.2448 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(255, 26, 141)` looks like.

```
.text, #text, p{  
  color:rgb(255, 26, 141)  
}
```

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(255, 26, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 141) }
```

Border

The CSS property to change the border of an element to Yxy 23.9219, 0.4751, 0.2448 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(255, 26, 141) }
```

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

```
.border{ border-color:rgb(255, 26, 141) }
```

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

Here you see how a box with a 4 pixel rgb(255, 26, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9219, 0.4751, 0.2448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 141) }
```

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

```
.background{ background-color: rgb(255, 26,  
141) }
```

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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