

Converting Colors

$Yxy(23.9036, 0.4761, 0.2454)$

Have a look what the booklet for
Yxy(23.9036, 0.4761, 0.2454)
contains.

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Color

Yxy(23.8922, 0.4767, 0.2458)

Conversions

Conversions Part 1

Format	Color
Hex	FF1A8C
RGB	255, 26, 140
RGB Percent	100%, 10%, 55%
CMY	0.0001, 0.8975, 0.4510
CMYK	0.00, 0.90, 0.45, 0.00
HSL	330°, 100%, 55%
HSV	330°, 90%, 100%
XYZ	46.3361, 23.8922, 26.9735
YIQ	107.4670, 99.8900, 84.0020

Conversions

Conversions Part 2

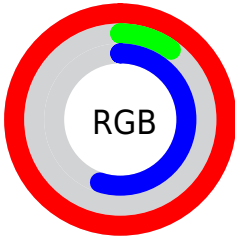
Format	Color
R_{YB}	255, 26, 140
Decimal	16718476
CIE _{Lab}	55.98, 83.26, -1.51
CIE _{LCh}	56, 83.273, 358.963
Yxy	23.8922, 0.4767, 0.2458
Android (android.graphics.Color)	4294908556 (0xFFFF1A8C)
YUV	107.4670, 16.0388, 129.3864
Hunter-Lab	48.8796, 83.6720, 1.4975

Details

The Yxy color **23.8922, 0.4767, 0.2458** 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 **73.6545, 0.2698, 0.4847**, and the grayscale version is **14.7936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4183, 0.3843, 0.2430**, and **11.9447, 0.5098, 0.2582** is the 20% darker color. If you saturate the color by 10%, you get **22.8064, 0.5006, 0.2533**, and if you desaturate by 10%, it is **25.9723, 0.4516, 0.2435**.

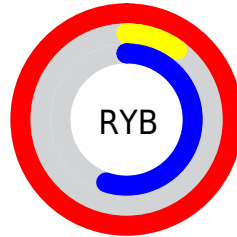
Distribution



Red (100%)

Green (10%)

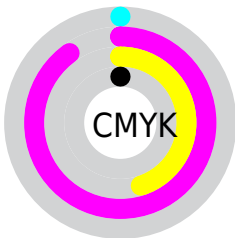
Blue (55%)



Red (100%)

Yellow (10%)

Blue (55%)

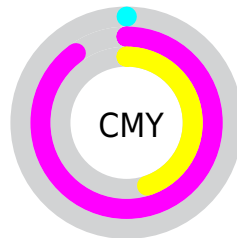


Cyan (0%)

Magenta (90%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (90%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8922, 0.4767, 0.2458 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 23.8922, 0.4767, 0.2458 by changing the saturation by 10% instead.


 23.8922, 0.4767,
0.2458

 23.8922, 0.4767,
0.2458


272.2750, 0.3875,
0.2908


 15.2537, 0.5011,
0.2336


 49.8542, 0.4427,
0.2629


 8.9976, 0.5335,
0.2175


 67.9465, 0.4303,
0.2691

 4.7396, 0.5782,
0.1954

 89.9589, 0.4201,
0.2742

 2.0953, 0.6427,
0.1639

 116.2756, 0.4115,
0.2786

 0.6620, 0.7424,
0.1146

 147.2812, 0.4042,
0.2823

 0.0000, 1.0000,
0.0000

183.3601, 0.3979,

 0.0000, 0.0000,

0.2855

0.0000

224.8965, 0.3923,
0.2883

■ 23.8922, 0.4767,
0.2458

■ 23.8922, 0.4767,
0.2458

■ 22.8064, 0.5006,
0.2533

■ 25.9723, 0.4516,
0.2435

■ 22.7843, 0.5012,
0.2535

■ 29.3207, 0.4266,
0.2465

■ 34.1139, 0.4030,
0.2540

■ 40.4990, 0.3815,
0.2646

■ 48.6050, 0.3627,
0.2771

■ 58.5474, 0.3466,
0.2904

■ 70.4315, 0.3331,
0.3039

■ 84.3549, 0.3218,
0.3169

■ 99.9959, 0.3127,
0.3290

Harmonies

Analogous

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



23.8922, 0.3261, 0.1844



23.8922, 0.4767, 0.2458



23.8922, 0.5728, 0.3200

Triad

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



23.8922, 0.4767, 0.2458



23.8922, 0.3676, 0.5873



23.8922, 0.1037, 0.1706

Complementary

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



23.8922, 0.4767, 0.2458



73.6545, 0.2698, 0.4847

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.



23.8922, 0.1076, 0.2526



23.8922, 0.4767, 0.2458



23.8922, 0.2496, 0.5752

Square

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



23.8922, 0.4767, 0.2458



23.8922, 0.4814, 0.4992



23.8922, 0.1537, 0.4129



23.8922, 0.1335, 0.1425

Rectangle

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



23.8922, 0.4767, 0.2458



23.8922, 0.5776, 0.3734



23.8922, 0.1537, 0.4129



23.8922, 0.1012, 0.1904

Sweetspot

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



23.8936, 0.4767, 0.2458



61.6297, 0.3427, 0.2941



13.5873, 0.2116, 0.0980



12.3799, 0.3476, 0.2895



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.



23.8936, 0.4767, 0.2458



22.7887, 0.5012, 0.2535



22.0758, 0.6246, 0.3299



18.1378, 0.3216, 0.3172



11.9377, 0.4975, 0.2514



1.1844, 0.4719, 0.2373

Inverse Universe

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



23.8936, 0.4767, 0.2458



22.7887, 0.5012, 0.2535



78.9462, 0.2258, 0.3287



18.1378, 0.3216, 0.3172



11.9377, 0.4975, 0.2514



1.1844, 0.4719, 0.2373

Previews

White Background



This preview shows how the Yxy color 23.8922, 0.4767, 0.2458 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 23.8922, 0.4767, 0.2458 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 23.8922, 0.4767, 0.2458

Background



This preview shows how black text looks on a background with the Yxy color 23.8922, 0.4767, 0.2458.



This preview shows how white text looks on a background with the Yxy color 23.8922, 0.4767, 0.2458.

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

23.8922, 0.4767, 0.2458

Protanopia

24.4093, 0.2377, 0.2275

Deuteranopia

24.0343, 0.3374, 0.3307



Tritanopia

23.9741, 0.5781, 0.3285

Trichromacy



Original Color

23.8922, 0.4767, 0.2458



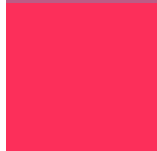
Protanomaly

19.2191, 0.3023, 0.2108



Deuteranomaly

20.0391, 0.3925, 0.2731



Tritanomaly

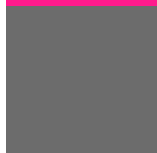
23.4667, 0.5485, 0.2993

Monochromacy



Original Color

23.8922, 0.4767, 0.2458



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 23.8922, 0.4767, 0.2458 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 140) }
```

Border

The CSS property to change the border of an element to Yxy 23.8922, 0.4767, 0.2458 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, 140) }
```

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

```
.border{ border-color:rgb(255, 26, 140) }
```

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, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8922, 0.4767, 0.2458 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, 140) }
```

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

```
.background{ background-color: rgb(255, 26,  
140) }
```

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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