

Converting Colors

Yxy(23.8080, 0.4615, 0.2463)

Have a look what the booklet for
Yxy(23.8080, 0.4615, 0.2463)
contains.

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Color

Yxy(23.8164, 0.4615, 0.2464)

Conversions

Conversions Part 1

Format	Color
Hex	F82D8F
RGB	248, 45, 143
RGB Percent	97%, 18%, 56%
CMY	0.0275, 0.8234, 0.4392
CMYK	0.00, 0.82, 0.42, 0.03
HSL	331°, 94%, 57%
HSV	331°, 82%, 97%
XYZ	44.6074, 23.8164, 28.2336
YIQ	116.8690, 89.5300, 73.5140

Conversions

Conversions Part 2

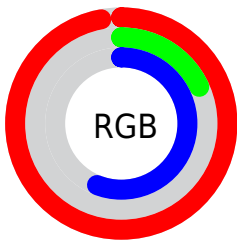
Format	Color
R_{YB}	248, 45, 143
Decimal	16264591
CIE _{Lab}	55.90, 78.63, -3.56
CIE _{LCh}	56, 78.713, 357.405
Y _{xy}	23.8164, 0.4615, 0.2464
Android (android.graphics.Color)	4294454671 (0xFFFF82D8F)
YUV	116.8690, 12.8826, 115.0019
Hunter-Lab	48.8020, 77.7540, -0.1398

Details

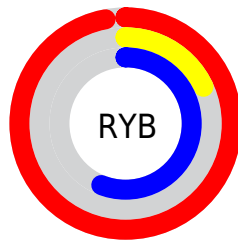
The Yxy color **23.8164, 0.4615, 0.2464** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **69.8945, 0.2672, 0.4651**, and the grayscale version is **17.6887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.3258, 0.3780, 0.2461**, and **11.2294, 0.4960, 0.2506** is the 20% darker color. If you saturate the color by 10%, you get **22.0807, 0.4872, 0.2502**, and if you desaturate by 10%, it is **26.7086, 0.4355, 0.2481**.

Distribution



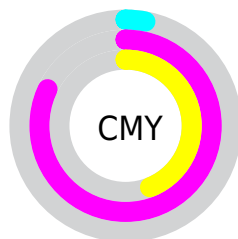
- Red (97%)
- Green (18%)
- Blue (56%)



- Red (97%)
- Yellow (18%)
- Blue (56%)



- Cyan (0%)
- Magenta (82%)
- Yellow (42%)
- Black (3%)





- Cyan (3%)
- Magenta (82%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8164, 0.4615, 0.2464 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 23.8164, 0.4615, 0.2464 by changing the saturation by 10% instead.


 23.8164, 0.4615,
0.2464


 23.8164, 0.4615,
0.2464


271.8909, 0.3806,
0.2907

 15.1975, 0.4837,
0.2345


 49.7304, 0.4306,
0.2631

 8.9581, 0.5133,
0.2188


 67.7943, 0.4194,
0.2692


 4.7139, 0.5545,
0.1973

 89.7753, 0.4102,
0.2743

 2.0804, 0.6146,
0.1665

 116.0579, 0.4024,
0.2786

 0.6536, 0.7094,
0.1177

 147.0263, 0.3957,
0.2823

 0.0000, 1.0000,
0.0000

183.0650, 0.3900,

 0.0000, 0.0000,

0.2854

0.0000

224.5584, 0.3850,
0.2882

■ 23.8164, 0.4615,
0.2464

■ 23.8164, 0.4615,
0.2464

■ 22.0807, 0.4872,
0.2502

■ 26.7086, 0.4355,
0.2481


■ 21.3053, 0.5073,
0.2568


■ 30.9242, 0.4106,
0.2545


■ 36.6063, 0.3879,
0.2642

■ 43.8787, 0.3679,
0.2760

■ 52.8516, 0.3508,
0.2888

 63.6255, 0.3363,
0.3019

 76.2928, 0.3243,
0.3147

 90.9398, 0.3144,
0.3268

 98.6961, 0.3084,
0.3290

Harmonies

Analogous

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



23.8164, 0.3189, 0.1875



23.8164, 0.4615, 0.2464



23.8164, 0.5579, 0.3190

Triad

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



23.8164, 0.4615, 0.2464



23.8164, 0.3751, 0.5731



23.8164, 0.1102, 0.1802

Complementary

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



23.8164, 0.4615, 0.2464



69.8945, 0.2672, 0.4651

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.



23.8164, 0.1165, 0.2638



23.8164, 0.4615, 0.2464



23.8164, 0.2605, 0.5644

Square

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



23.8164, 0.4615, 0.2464



23.8164, 0.4829, 0.4909



23.8164, 0.1651, 0.4179



23.8164, 0.1376, 0.1499

Rectangle

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



23.8164, 0.4615, 0.2464



23.8164, 0.5678, 0.3712



23.8164, 0.1651, 0.4179



23.8164, 0.1084, 0.2008

Sweetspot

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



23.8178, 0.4615, 0.2464



63.9059, 0.3407, 0.2978



15.1294, 0.2243, 0.1115



12.8136, 0.3457, 0.2932



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.



23.8178, 0.4615, 0.2464



22.8702, 0.5027, 0.2552



22.2928, 0.5989, 0.3317



17.3648, 0.3218, 0.3176



11.5374, 0.5036, 0.2548



1.0899, 0.4760, 0.2396

Inverse Universe

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



23.8178, 0.4615, 0.2464



22.8702, 0.5027, 0.2552



72.4078, 0.2266, 0.3246



17.3648, 0.3218, 0.3176



11.5374, 0.5036, 0.2548



1.0899, 0.4760, 0.2396

Previews

White Background



This preview shows how the Yxy color 23.8164, 0.4615, 0.2464 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 23.8164, 0.4615, 0.2464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

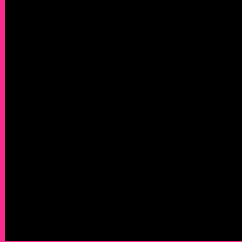
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.8164, 0.4615, 0.2464

Background



This preview shows how black text looks on a background with the Yxy color 23.8164, 0.4615, 0.2464.



This preview shows how white text looks on a background with the Yxy color 23.8164, 0.4615, 0.2464.

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

23.8164, 0.4615, 0.2464

Protanopia

23.9988, 0.2393, 0.2295

Deuteranopia

23.9546, 0.3305, 0.3241



Tritanopia

23.8223, 0.5568, 0.3274

Trichromacy



Original Color

23.8164, 0.4615, 0.2464



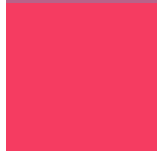
Protanomaly

19.9700, 0.2998, 0.2186



Deuteranomaly

20.9202, 0.3789, 0.2758



Tritanomaly

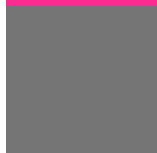
23.5073, 0.5271, 0.2991

Monochromacy



Original Color

23.8164, 0.4615, 0.2464



Achromatopsia

17.7888, 0.3127, 0.3290



Achromatomaly

16.9879, 0.3725, 0.2748

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8164, 0.4615, 0.2464 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(248, 45, 143)` looks like.

```
.text, #text, p{  
    color:rgb(248, 45, 143)  
}
```

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(248, 45, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 45, 143) }
```

Border

The CSS property to change the border of an element to Yxy 23.8164, 0.4615, 0.2464 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(248, 45, 143) }
```

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

```
.border{ border-color:rgb(248, 45, 143) }
```

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

Here you see how a box with a 4 pixel rgb(248, 45, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 45, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 45, 143);  
box-shadow:4px 4px 4px 4px rgb(248, 45,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8164, 0.4615, 0.2464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 45, 143) }
```

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

```
.background{ background-color: rgb(248, 45,  
143) }
```

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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