

Converting Colors

Yxy(23.7194, 0.4854, 0.2506)

Have a look what the booklet for
Yxy(23.7194, 0.4854, 0.2506)
contains.

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Color

Yxy(23.7481, 0.4850, 0.2505)

Conversions

Conversions Part 1

Format	Color
Hex	FF1A87
RGB	255, 26, 135
RGB Percent	100%, 10%, 53%
CMY	0.0000, 0.8977, 0.4707
CMYK	0.00, 0.90, 0.47, 0.00
HSL	331°, 100%, 55%
HSV	331°, 90%, 100%
XYZ	45.9794, 23.7481, 25.0753
YIQ	106.8970, 101.4950, 82.4470

Conversions

Conversions Part 2

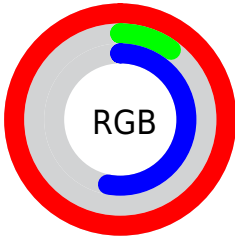
Format	Color
R_{YB}	255, 26, 135
Decimal	16718471
CIE _{Lab}	55.83, 82.87, 1.26
CIE _{LCh}	56, 82.882, 0.872
Yxy	23.7481, 0.4850, 0.2505
Android (android.graphics.Color)	4294908551 (0xFFFF1A87)
YUV	106.8970, 13.8548, 129.8863
Hunter-Lab	48.7320, 83.1362, 3.6044

Details

The Yxy color **23.7481, 0.4850, 0.2505** 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 **73.8134, 0.2679, 0.4778**, and the grayscale version is **14.6248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1989, 0.3903, 0.2477**, and **11.8784, 0.5186, 0.2630** is the 20% darker color. If you saturate the color by 10%, you get **22.6666, 0.5100, 0.2584**, and if you desaturate by 10%, it is **25.8262, 0.4586, 0.2477**.

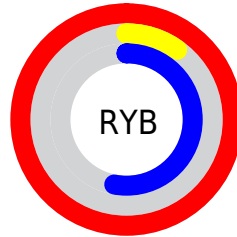
Distribution



Red (100%)

Green (10%)

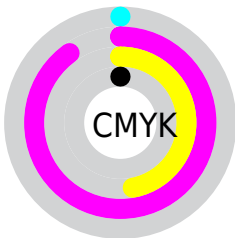
Blue (53%)



Red (100%)

Yellow (10%)

Blue (53%)

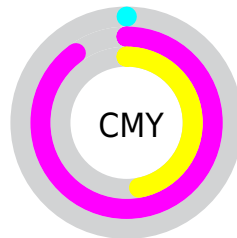


Cyan (0%)

Magenta (90%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (90%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.7481, 0.4850, 0.2505 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 23.7481, 0.4850, 0.2505 by changing the saturation by 10% instead.


 23.7481, 0.4850,
0.2505


 23.7481, 0.4850,
0.2505


271.5445, 0.3909,
0.2937


 15.1469, 0.5108,
0.2386


 49.6188, 0.4490,
0.2671


 8.9225, 0.5451,
0.2226


 67.6571, 0.4360,
0.2730

 4.6907, 0.5925,
0.2005

 89.6099, 0.4252,
0.2780

 2.0669, 0.6606,
0.1684

 115.8615, 0.4162,
0.2821

 0.6459, 0.7697,
0.1179

 146.7963, 0.4085,
0.2857

 0.0000, 1.0000,
0.0000

182.7989, 0.4018,

 0.0000, 0.0000,

0.2887

0.0000

224.2535, 0.3960,
0.2913

■ 23.7481, 0.4850,
0.2505

■ 23.7481, 0.4850,
0.2505

■ 22.6666, 0.5100,
0.2584

■ 25.8262, 0.4586,
0.2477

■ 22.6465, 0.5106,
0.2586

■ 29.1757, 0.4322,
0.2502

■ 33.9735, 0.4072,
0.2572

■ 40.3671, 0.3847,
0.2673

■ 48.4856, 0.3649,
0.2792

■ 58.4446, 0.3481,
0.2920

■ 70.3499, 0.3339,
0.3049

■ 84.2991, 0.3222,
0.3174

99.9984, 0.3127,
0.3290

Harmonies

Analogous

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



23.7481, 0.3354, 0.1879



23.7481, 0.4850, 0.2505



23.7481, 0.5747, 0.3251

Triad

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



23.7481, 0.4850, 0.2505



23.7481, 0.3602, 0.5903



23.7481, 0.1050, 0.1679

Complementary

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



23.7481, 0.4850, 0.2505



73.8134, 0.2679, 0.4778

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.



23.7481, 0.1066, 0.2455



23.7481, 0.4850, 0.2505



23.7481, 0.2427, 0.5678

Square

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



23.7481, 0.4850, 0.2505



23.7481, 0.4746, 0.5055



23.7481, 0.1496, 0.4007



23.7481, 0.1370, 0.1423

Rectangle

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



23.7481, 0.4850, 0.2505



23.7481, 0.5752, 0.3789



23.7481, 0.1496, 0.4007



23.7481, 0.1017, 0.1865

Sweetspot

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



23.7495, 0.4850, 0.2505



61.5505, 0.3439, 0.2956



13.9227, 0.2148, 0.0997



12.3613, 0.3491, 0.2912



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.



23.7495, 0.4850, 0.2505



22.6482, 0.5106, 0.2586



22.2566, 0.6232, 0.3311



18.1310, 0.3219, 0.3177



11.8639, 0.5067, 0.2565



1.1770, 0.4800, 0.2418

Inverse Universe

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



23.7495, 0.4850, 0.2505



22.6482, 0.5106, 0.2586



76.5448, 0.2246, 0.3241



18.1310, 0.3219, 0.3177



11.8639, 0.5067, 0.2565



1.1770, 0.4800, 0.2418

Previews

White Background



This preview shows how the Yxy color 23.7481, 0.4850, 0.2505 looks on a white background.

Color Contrast Check

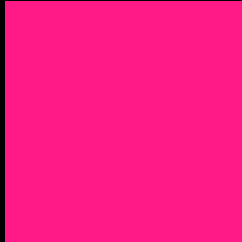
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7481, 0.4850, 0.2505 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 23.7481, 0.4850, 0.2505

Background



This preview shows how black text looks on a background with the Yxy color 23.7481, 0.4850, 0.2505.



This preview shows how white text looks on a background with the Yxy color 23.7481, 0.4850, 0.2505.

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

23.7481, 0.4850, 0.2505

Protanopia

24.0213, 0.2444, 0.2351

Deuteranopia

23.9998, 0.3444, 0.3390



Tritanopia

23.8511, 0.5808, 0.3292

Trichromacy



Original Color

23.7481, 0.4850, 0.2505



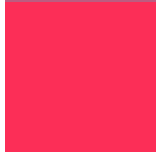
Protanomaly

18.9845, 0.3129, 0.2184



Deuteranomaly

20.0316, 0.4014, 0.2801



Tritanomaly

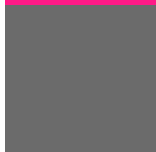
23.3376, 0.5532, 0.3014

Monochromacy



Original Color

23.7481, 0.4850, 0.2505



Achromatopsia

14.7027, 0.3127, 0.3290



Achromatomaly

14.3102, 0.3860, 0.2677

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7481, 0.4850, 0.2505 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 135) }
```

Border

The CSS property to change the border of an element to Yxy 23.7481, 0.4850, 0.2505 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, 135) }
```

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

```
.border{ border-color:rgb(255, 26, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7481, 0.4850, 0.2505 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, 135) }
```

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

```
.background{ background-color: rgb(255, 26,  
135) }
```

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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