

Converting Colors

$Y_{xy}(24.9505, 0.4791, 0.2630)$

Have a look what the booklet for
Yxy(24.9505, 0.4791, 0.2630)
contains.

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Color

Yxy(24.9351, 0.4781, 0.2627)

Conversions

Conversions Part 1

Format	Color
Hex	FB3785
RGB	251, 55, 133
RGB Percent	98%, 22%, 52%
CMY	0.0157, 0.7842, 0.4785
CMYK	0.00, 0.78, 0.47, 0.02
HSL	336°, 96%, 60%
HSV	336°, 78%, 98%
XYZ	45.3806, 24.9351, 24.6029
YIQ	122.4960, 91.7780, 65.8100

Conversions

Conversions Part 2

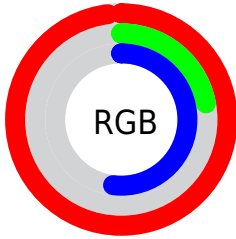
Format	Color
R_{YB}	251, 55, 133
Decimal	16463749
CIE _{Lab}	57.01, 76.09, 4.07
CIE _{LCh}	57, 76.194, 3.059
Yxy	24.9351, 0.4781, 0.2627
Android (android.graphics.Color)	4294653829 (0xFFFB3785)
YUV	122.4960, 5.1785, 112.6980
Hunter-Lab	49.9351, 74.8329, 5.7425

Details

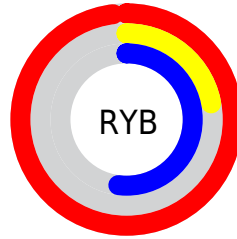
The Yxy color **24.9351, 0.4781, 0.2627** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **72.8227, 0.2600, 0.4341**, and the grayscale version is **19.5981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2381, 0.3894, 0.2621**, and **11.3315, 0.5187, 0.2631** is the 20% darker color. If you saturate the color by 10%, you get **22.7380, 0.5092, 0.2661**, and if you desaturate by 10%, it is **28.4061, 0.4469, 0.2644**.

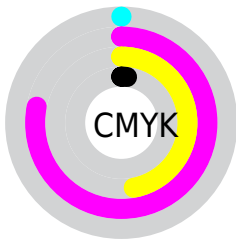
Distribution



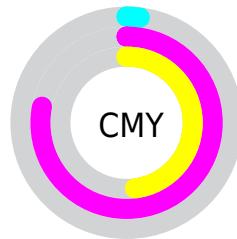
- Red (98%)
- Green (22%)
- Blue (52%)



- Red (98%)
- Yellow (22%)
- Blue (52%)



- Cyan (0%)
- Magenta (78%)
- Yellow (47%)
- Black (2%)





- Cyan (2%)
- Magenta (78%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9351, 0.4781, 0.2627 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 24.9351, 0.4781, 0.2627 by changing the saturation by 10% instead.


 24.9351, 0.4781,
0.2627


 24.9351, 0.4781,
0.2627


277.5146, 0.3878,
0.2997


 16.0287, 0.5029,
0.2522


 51.5519, 0.4436,
0.2771

 9.5445, 0.5359,
0.2380


 70.0311, 0.4311,
0.2822

 5.0980, 0.5815,
0.2181

 92.4701, 0.4208,
0.2864

 2.3049, 0.6473,
0.1884

 119.2532, 0.4121,
0.2900

 0.7763, 0.7538,
0.1429

 150.7647, 0.4047,
0.2930

 0.0000, 1.0000,
0.0000

187.3892, 0.3983,

 0.0000, 0.0000,

0.2956

0.0000

229.5111, 0.3927,
0.2978

■ 24.9351, 0.4781,
0.2627

■ 24.9351, 0.4781,
0.2627

■ 22.7380, 0.5092,
0.2661

■ 28.4061, 0.4469,
0.2644

■ 21.5872, 0.5380,
0.2748

■ 33.3107, 0.4177,
0.2702

■ 21.4249, 0.5434,
0.2767


■ 39.7894, 0.3916,
0.2788


■ 47.9648, 0.3691,
0.2890

■ 57.9472, 0.3501,
0.2998

 69.8373, 0.3344,
0.3106

 83.7286, 0.3214,
0.3210

 99.1778, 0.3109,
0.3300

 99.2480, 0.3102,
0.3290

Harmonies

Analogous

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



24.9351, 0.3443, 0.2016



24.9351, 0.4781, 0.2627



24.9351, 0.5549, 0.3354

Triad

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



24.9351, 0.4781, 0.2627



24.9351, 0.3548, 0.5709



24.9351, 0.1188, 0.1772

Complementary

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



24.9351, 0.4781, 0.2627



72.8227, 0.2600, 0.4341

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.



24.9351, 0.1190, 0.2473



24.9351, 0.4781, 0.2627



24.9351, 0.2445, 0.5335

Square

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



24.9351, 0.4781, 0.2627



24.9351, 0.4613, 0.5047



24.9351, 0.1586, 0.3828



24.9351, 0.1523, 0.1542

Rectangle

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



24.9351, 0.4781, 0.2627



24.9351, 0.5541, 0.3878



24.9351, 0.1586, 0.3828



24.9351, 0.1152, 0.1942

Sweetspot

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



24.9365, 0.4781, 0.2627



66.0482, 0.3418, 0.3053



18.5402, 0.2437, 0.1258



13.2108, 0.3477, 0.3014



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.



24.9365, 0.4781, 0.2627



22.7500, 0.5269, 0.2708



25.7664, 0.5724, 0.3433



17.3396, 0.3231, 0.3196



11.2892, 0.5391, 0.2743



1.0658, 0.5074, 0.2569

Inverse Universe

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



24.9365, 0.4781, 0.2627



22.7500, 0.5269, 0.2708



65.1525, 0.2226, 0.3042



17.3396, 0.3231, 0.3196



11.2892, 0.5391, 0.2743



1.0658, 0.5074, 0.2569

Previews

White Background



This preview shows how the Yxy color 24.9351, 0.4781, 0.2627 looks on a white background.

Color Contrast Check

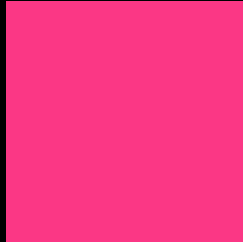
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9351, 0.4781, 0.2627 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 24.9351, 0.4781, 0.2627

Background



This preview shows how black text looks on a background with the Yxy color 24.9351, 0.4781, 0.2627.



This preview shows how white text looks on a background with the Yxy color 24.9351, 0.4781, 0.2627.

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

24.9351, 0.4781, 0.2627

Protanopia

25.2986, 0.2633, 0.2607

Deuteranopia

24.9012, 0.3498, 0.3437



Tritanopia

24.9573, 0.5536, 0.3274

Trichromacy



Original Color

24.9351, 0.4781, 0.2627



Protanomaly

21.7820, 0.3275, 0.2497



Deuteranomaly

22.3801, 0.3991, 0.2976



Tritanomaly

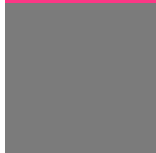
24.7466, 0.5305, 0.3051

Monochromacy



Original Color

24.9351, 0.4781, 0.2627



Achromatopsia

19.8069, 0.3127, 0.3290



Achromatomaly

18.8137, 0.3754, 0.2851

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9351, 0.4781, 0.2627 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(251, 55, 133)` looks like.

```
.text, #text, p{  
  color:rgb(251, 55, 133)  
}
```

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(251, 55, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 55, 133) }
```

Border

The CSS property to change the border of an element to Yxy 24.9351, 0.4781, 0.2627 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(251, 55, 133) }
```

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

```
.border{ border-color:rgb(251, 55, 133) }
```

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

Here you see how a box with a 4 pixel rgb(251, 55, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 55, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 55, 133);  
box-shadow:4px 4px 4px 4px rgb(251, 55,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9351, 0.4781, 0.2627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 55, 133) }
```

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

```
.background{ background-color: rgb(251, 55,  
133) }
```

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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