

Converting Colors

$Y_{xy}(25.2303, 0.4883, 0.2653)$

Have a look what the booklet for
Yxy(25.2303, 0.4883, 0.2653)
contains.

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Color

Yxy(25.2394, 0.4878, 0.2650)

Conversions

Conversions Part 1

Format	Color
Hex	FF3382
RGB	255, 51, 130
RGB Percent	100%, 20%, 51%
CMY	0.0000, 0.8001, 0.4902
CMYK	0.00, 0.80, 0.49, 0.00
HSL	337°, 100%, 60%
HSV	337°, 80%, 100%
XYZ	46.4595, 25.2394, 23.5441
YIQ	121.0020, 96.2250, 67.8170

Conversions

Conversions Part 2

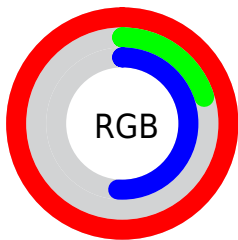
Format	Color
R_{YB}	255, 51, 130
Decimal	16724866
CIE _{Lab}	57.31, 77.88, 6.35
CIE _{LCh}	57, 78.142, 4.661
Yxy	25.2394, 0.4878, 0.2650
Android (android.graphics.Color)	4294914946 (0xFFFF3382)
YUV	121.0020, 4.4360, 117.5162
Hunter-Lab	50.2388, 77.1541, 7.3813

Details

The Yxy color **25.2394, 0.4878, 0.2650** 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 **75.3560, 0.2591, 0.4342**, and the grayscale version is **19.0765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.6358, 0.3935, 0.2632**, and **11.8005, 0.5295, 0.2690** is the 20% darker color. If you saturate the color by 10%, you get **23.1991, 0.5192, 0.2697**, and if you desaturate by 10%, it is **28.5573, 0.4558, 0.2655**.

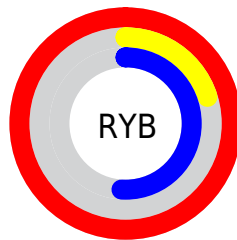
Distribution



Red (100%)

Green (20%)

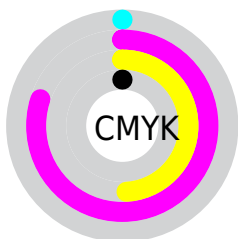
Blue (51%)



Red (100%)

Yellow (20%)

Blue (51%)

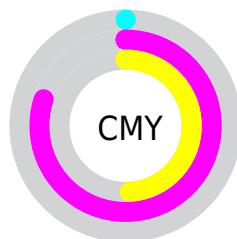


Cyan (0%)

Magenta (80%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (80%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2394, 0.4878, 0.2650 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 25.2394, 0.4878, 0.2650 by changing the saturation by 10% instead.


 25.2394, 0.4878,
0.2650


 25.2394, 0.4878,
0.2650


279.0281, 0.3923,
0.3013


 16.2555, 0.5139,
0.2546


 52.0453, 0.4514,
0.2792


 9.7051, 0.5485,
0.2404


 70.6362, 0.4382,
0.2843

 5.2039, 0.5960,
0.2203

 93.1981, 0.4273,
0.2884

 2.3674, 0.6639,
0.1903

 120.1155, 0.4181,
0.2918

 0.8090, 0.7759,
0.1455

 151.7728, 0.4102,
0.2947

 0.0000, 1.0000,
0.0000

188.5544, 0.4034,

 0.0000, 0.0000,

0.2972

0.0000

230.8447, 0.3975,
0.2994

■ 25.2394, 0.4878,
0.2650

■ 25.2394, 0.4878,
0.2650

■ 23.1991, 0.5192,
0.2697

■ 28.5573, 0.4558,
0.2655

■ 22.1567, 0.5478,
0.2791

■ 33.3384, 0.4254,
0.2704

■ 39.7290, 0.3980,
0.2783

■ 47.8595, 0.3743,
0.2880

■ 57.8468, 0.3543,
0.2985

69.7978, 0.3376,
0.3091

83.8108, 0.3239,
0.3193

99.9779, 0.3127,
0.3290

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.



25.2394, 0.3522, 0.2023



25.2394, 0.4878, 0.2650



25.2394, 0.5609, 0.3386

Triad

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



25.2394, 0.4878, 0.2650



25.2394, 0.3482, 0.5772



25.2394, 0.1171, 0.1723

Complementary

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



25.2394, 0.4878, 0.2650



75.3560, 0.2591, 0.4342

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.



25.2394, 0.1152, 0.2399



25.2394, 0.4878, 0.2650



25.2394, 0.2369, 0.5325

Square

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



25.2394, 0.4878, 0.2650



25.2394, 0.4572, 0.5113



25.2394, 0.1524, 0.3748



25.2394, 0.1527, 0.1514

Rectangle

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



25.2394, 0.4878, 0.2650



25.2394, 0.5562, 0.3918



25.2394, 0.1524, 0.3748



25.2394, 0.1128, 0.1885

Sweetspot

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



25.2367, 0.4878, 0.2650



64.7908, 0.3439, 0.3049



18.5132, 0.2416, 0.1223



12.9685, 0.3499, 0.3011



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.



25.2367, 0.4878, 0.2650



22.5020, 0.5367, 0.2751



26.0525, 0.5805, 0.3428



18.1036, 0.3233, 0.3198



11.6044, 0.5435, 0.2768



1.1505, 0.5130, 0.2600

Inverse Universe

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



25.2367, 0.4878, 0.2650



22.5020, 0.5367, 0.2751



67.1090, 0.2217, 0.3035



18.1036, 0.3233, 0.3198



11.6044, 0.5435, 0.2768



1.1505, 0.5130, 0.2600

Previews

White Background



This preview shows how the Yxy color 25.2394, 0.4878, 0.2650 looks on a white background.

Color Contrast Check

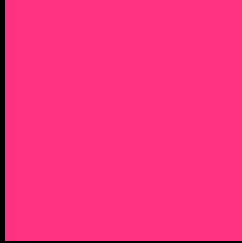
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2394, 0.4878, 0.2650 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 25.2394, 0.4878, 0.2650

Background



This preview shows how black text looks on a background with the Yxy color 25.2394, 0.4878, 0.2650.



This preview shows how white text looks on a background with the Yxy color 25.2394, 0.4878, 0.2650.

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

25.2394, 0.4878, 0.2650

Protanopia

25.2947, 0.2658, 0.2637

Deuteranopia

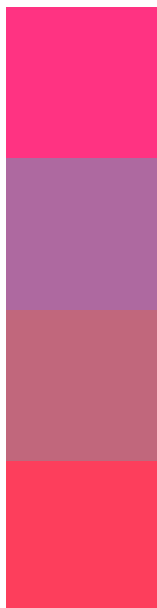
25.4002, 0.3565, 0.3499



Tritanopia

25.2719, 0.5627, 0.3283

Trichromacy



Original Color

25.2394, 0.4878, 0.2650

Protanomaly

21.6399, 0.3339, 0.2504

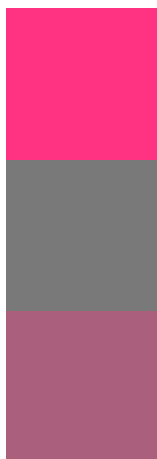
Deuteranomaly

22.4932, 0.4076, 0.3008

Tritanomaly

25.1006, 0.5392, 0.3065

Monochromacy



Original Color

25.2394, 0.4878, 0.2650

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.3670, 0.3807, 0.2866

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2394, 0.4878, 0.2650 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, 51, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 130)  
}
```

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, 51, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 130) }
```

Border

The CSS property to change the border of an element to Yxy 25.2394, 0.4878, 0.2650 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, 51, 130) }
```

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

```
.border{ border-color:rgb(255, 51, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2394, 0.4878, 0.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 130) }
```

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

```
.background{ background-color: rgb(255, 51,  
130) }
```

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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