

Converting Colors

$Y_{xy}(25.9837, 0.4498, 0.2562)$

Have a look what the booklet for
Yxy(25.9837, 0.4498, 0.2562)
contains.

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Color

Yxy(25.9837, 0.4498, 0.2562)

Conversions

Conversions Part 1

Format	Color
Hex	F74492
RGB	247, 68, 146
RGB Percent	97%, 27%, 57%
CMY	0.0313, 0.7334, 0.4273
CMYK	0.00, 0.72, 0.41, 0.03
HSL	334°, 92%, 62%
HSV	334°, 72%, 97%
XYZ	45.6185, 25.9837, 29.8174
YIQ	130.4130, 81.6460, 62.2060

Conversions

Conversions Part 2

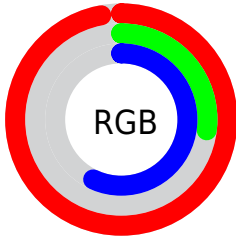
Format	Color
R _Y B	247, 68, 146
Decimal	16204946
CIE Lab	58.02, 72.42, -2.25
CIE LCh	58, 72.452, 358.217
Yxy	25.9837, 0.4498, 0.2562
Android (android.graphics.Color)	4294395026 (0xFFFF74492)
YUV	130.4130, 7.6844, 102.2468
Hunter-Lab	50.9742, 70.5408, 1.0003

Details

The Yxy color **25.9837, 0.4498, 0.2562** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **70.6213, 0.2637, 0.4351**, and the grayscale version is **22.4263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.1306, 0.3718, 0.2569**, and **11.1588, 0.4879, 0.2462** is the 20% darker color. If you saturate the color by 10%, you get **23.1935, 0.4788, 0.2558**, and if you desaturate by 10%, it is **30.0869, 0.4219, 0.2612**.

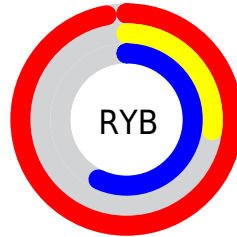
Distribution



Red (97%)

Green (27%)

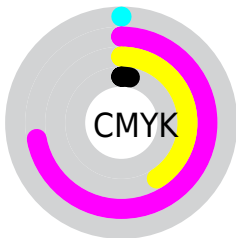
Blue (57%)



Red (97%)

Yellow (27%)

Blue (57%)

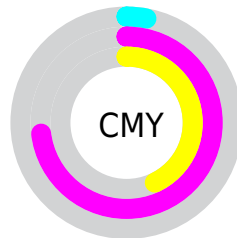


Cyan (0%)

Magenta (72%)

Yellow (41%)

Black (3%)



Cyan (3%)


Magenta (73%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9837, 0.4498, 0.2562 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 25.9837, 0.4498, 0.2562 by changing the saturation by 10% instead.


 25.9837, 0.4498,
0.2562


 25.9837, 0.4498,
0.2562


282.7021, 0.3758,
0.2951

 16.8114, 0.4699,
0.2457


 53.2486, 0.4217,
0.2709


 10.1001, 0.4967,
0.2319


 72.1101, 0.4115,
0.2763

 5.4654, 0.5339,
0.2130

 94.9702, 0.4030,
0.2807

 2.5228, 0.5881,
0.1856

 122.2131, 0.3958,
0.2845

 0.8880, 0.6720,
0.1441

 154.2234, 0.3897,
0.2877

 0.0000, 1.0000,
0.0000

191.3854, 0.3845,

 0.0000, 0.0000,

0.2905

0.0000

234.0835, 0.3799,
0.2930

■ 25.9837, 0.4498,
0.2562

■ 25.9837, 0.4498,
0.2562

■ 23.1935, 0.4788,
0.2558

■ 30.0869, 0.4219,
0.2612

■ 21.5402, 0.5072,
0.2609


■ 35.6414, 0.3965,
0.2697


■ 20.8525, 0.5272,
0.2678


■ 42.7722, 0.3742,
0.2803

■ 51.5899, 0.3552,
0.2919

■ 62.1946, 0.3392,
0.3038

 74.6790, 0.3260,
0.3154

 89.1290, 0.3151,
0.3264

 98.5165, 0.3078,
0.3290

Harmonies

Analogous

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



25.9837, 0.3228, 0.2000



25.9837, 0.4498, 0.2562



25.9837, 0.5353, 0.3258

Triad

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



25.9837, 0.4498, 0.2562



25.9837, 0.3731, 0.5519



25.9837, 0.1248, 0.1924

Complementary

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



25.9837, 0.4498, 0.2562



70.6213, 0.2637, 0.4351

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.



25.9837, 0.1312, 0.2697



25.9837, 0.4498, 0.2562



25.9837, 0.2665, 0.5335

Square

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



25.9837, 0.4498, 0.2562



25.9837, 0.4715, 0.4857



25.9837, 0.1777, 0.4047



25.9837, 0.1520, 0.1633

Rectangle

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



25.9837, 0.4498, 0.2562



25.9837, 0.5454, 0.3760



25.9837, 0.1777, 0.4047



25.9837, 0.1231, 0.2118

Sweetspot

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



25.9851, 0.4498, 0.2562



67.4078, 0.3386, 0.3043



19.0042, 0.2416, 0.1324



13.7182, 0.3426, 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.



25.9851, 0.4498, 0.2562



23.9641, 0.4923, 0.2575



25.4924, 0.5554, 0.3367



16.6025, 0.3225, 0.3187



11.0542, 0.5231, 0.2655



0.9918, 0.4916, 0.2482

Inverse Universe

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



25.9851, 0.4498, 0.2562



23.9641, 0.4923, 0.2575



69.1296, 0.2287, 0.3177



16.6025, 0.3225, 0.3187



11.0542, 0.5231, 0.2655



0.9918, 0.4916, 0.2482

Previews

White Background



This preview shows how the Yxy color 25.9837, 0.4498, 0.2562 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 25.9837, 0.4498, 0.2562 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 25.9837, 0.4498, 0.2562

Background



This preview shows how black text looks on a background with the Yxy color 25.9837, 0.4498, 0.2562.



This preview shows how white text looks on a background with the Yxy color 25.9837, 0.4498, 0.2562.

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

25.9837, 0.4498, 0.2562

Protanopia

26.2546, 0.2545, 0.2489

Deuteranopia

26.0041, 0.3322, 0.3259



Tritanopia

25.9458, 0.5240, 0.3251

Trichromacy



Original Color

25.9837, 0.4498, 0.2562



Protanomaly

23.3013, 0.3110, 0.2423



Deuteranomaly

23.9537, 0.3758, 0.2889



Tritanomaly

25.7860, 0.4989, 0.3006

Monochromacy



Original Color

25.9837, 0.4498, 0.2562



Achromatopsia

22.3228, 0.3127, 0.3290



Achromatomaly

21.1772, 0.3636, 0.2859

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9837, 0.4498, 0.2562 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(247, 68, 146)` looks like.

```
.text, #text, p{  
    color:rgb(247, 68, 146)  
}
```

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(247, 68, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 68, 146) }
```

Border

The CSS property to change the border of an element to Yxy 25.9837, 0.4498, 0.2562 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(247, 68, 146) }
```

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

```
.border{ border-color:rgb(247, 68, 146) }
```

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

Here you see how a box with a 4 pixel rgb(247, 68, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 68, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 68, 146);  
box-shadow:4px 4px 4px 4px rgb(247, 68,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9837, 0.4498, 0.2562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 68, 146) }
```

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

```
.background{ background-color: rgb(247, 68,  
146) }
```

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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