

Converting Colors

$Yxy(24.6502, 0.4729, 0.2617)$

Have a look what the booklet for
Yxy(24.6502, 0.4729, 0.2617)
contains.

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Color

Yxy(24.6039, 0.4730, 0.2616)

Conversions

Conversions Part 1

Format	Color
Hex	F83986
RGB	248, 57, 134
RGB Percent	97%, 22%, 53%
CMY	0.0273, 0.7767, 0.4745
CMYK	0.00, 0.77, 0.46, 0.03
HSL	336°, 93%, 60%
HSV	336°, 77%, 97%
XYZ	44.4864, 24.6039, 24.9613
YIQ	122.8870, 89.1190, 64.4390

Conversions

Conversions Part 2

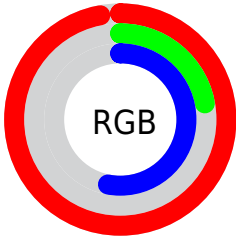
Format	Color
RYB	248, 57, 134
Decimal	16267654
CIELab	56.69, 74.90, 2.92
CIElCh	57, 74.959, 2.231
Yxy	24.6039, 0.4730, 0.2616
Android (android.graphics.Color)	4294457734 (0xFFFF83986)
YUV	122.8870, 5.4787, 109.7241
Hunter-Lab	49.6023, 73.2857, 4.8852

Details

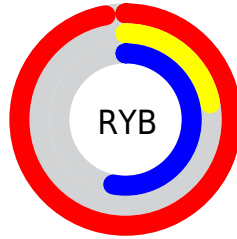
The Yxy color **24.6039, 0.4730, 0.2616** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **70.9622, 0.2605, 0.4339**, and the grayscale version is **19.7212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5226, 0.3880, 0.2620**, and **11.0950, 0.5142, 0.2607** is the 20% darker color. If you saturate the color by 10%, you get **22.3402, 0.5039, 0.2643**, and if you desaturate by 10%, it is **28.1239, 0.4423, 0.2639**.

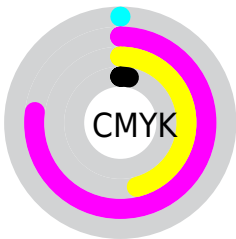
Distribution



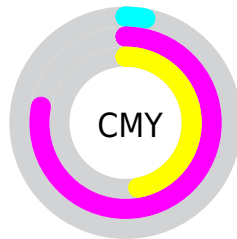
- Red (97%)
- Green (22%)
- Blue (53%)



- Red (97%)
- Yellow (22%)
- Blue (53%)



- Cyan (0%)
- Magenta (77%)
- Yellow (46%)
- Black (3%)





- Cyan (3%)
- Magenta (78%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6039, 0.4730, 0.2616 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 24.6039, 0.4730, 0.2616 by changing the saturation by 10% instead.


 24.6039, 0.4730,
0.2616


 24.6039, 0.4730,
0.2616


275.8595, 0.3854,
0.2990

 15.7822, 0.4971,
0.2511


 51.0139, 0.4394,
0.2761


 9.3702, 0.5294,
0.2368


 69.3710, 0.4273,
0.2813


 4.9834, 0.5741,
0.2168

 91.6753, 0.4173,
0.2856

 2.2375, 0.6391,
0.1872

 118.3113, 0.4089,
0.2891

 0.7403, 0.7447,
0.1408

 149.6633, 0.4017,
0.2922

 0.0000, 1.0000,
0.0000

186.1158, 0.3955,

 0.0000, 0.0000,

0.2948

0.0000

228.0530, 0.3901,
0.2971

■ 24.6039, 0.4730,
0.2616

■ 24.6039, 0.4730,
0.2616

■ 22.3402, 0.5039,
0.2643

■ 28.1239, 0.4423,
0.2639

■ 21.1295, 0.5328,
0.2724


■ 33.0522, 0.4137,
0.2702


■ 20.8828, 0.5409,
0.2754


■ 39.5233, 0.3883,
0.2792


■ 47.6545, 0.3664,
0.2896

■ 57.5520, 0.3480,
0.3006

 69.3128, 0.3327,
0.3115

 83.0269, 0.3202,
0.3220

 98.5369, 0.3099,
0.3315

 98.7023, 0.3084,
0.3290

Harmonies

Analogous

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



24.6039, 0.3404, 0.2013



24.6039, 0.4730, 0.2616



24.6039, 0.5515, 0.3338

Triad

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



24.6039, 0.4730, 0.2616



24.6039, 0.3581, 0.5674



24.6039, 0.1199, 0.1798

Complementary

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



24.6039, 0.4730, 0.2616



70.9622, 0.2605, 0.4339

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.



24.6039, 0.1212, 0.2512



24.6039, 0.4730, 0.2616



24.6039, 0.2484, 0.5335

Square

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



24.6039, 0.4730, 0.2616



24.6039, 0.4632, 0.5012



24.6039, 0.1620, 0.3868



24.6039, 0.1523, 0.1558

Rectangle

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



24.6039, 0.4730, 0.2616



24.6039, 0.5527, 0.3858



24.6039, 0.1620, 0.3868



24.6039, 0.1166, 0.1973

Sweetspot

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



24.6053, 0.4730, 0.2616



66.0653, 0.3415, 0.3050



18.0714, 0.2419, 0.1262



13.2149, 0.3474, 0.3010



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.



24.6053, 0.4730, 0.2616



23.0125, 0.5190, 0.2678



25.0060, 0.5705, 0.3410



17.3412, 0.3230, 0.3195



11.3036, 0.5369, 0.2731



1.0673, 0.5054, 0.2558

Inverse Universe

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



24.6053, 0.4730, 0.2616



23.0125, 0.5190, 0.2678



65.4221, 0.2243, 0.3087



17.3412, 0.3230, 0.3195



11.3036, 0.5369, 0.2731



1.0673, 0.5054, 0.2558

Previews

White Background



This preview shows how the Yxy color 24.6039, 0.4730, 0.2616 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 24.6039, 0.4730, 0.2616 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 24.6039, 0.4730, 0.2616

Background



This preview shows how black text looks on a background with the Yxy color 24.6039, 0.4730, 0.2616.



This preview shows how white text looks on a background with the Yxy color 24.6039, 0.4730, 0.2616.

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

24.6039, 0.4730, 0.2616

Protanopia

24.8677, 0.2613, 0.2588

Deuteranopia

24.5833, 0.3466, 0.3388



Tritanopia

24.6994, 0.5478, 0.3273

Trichromacy



Original Color

24.6039, 0.4730, 0.2616



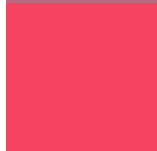
Protanomaly

21.5948, 0.3239, 0.2478



Deuteranomaly

22.1505, 0.3951, 0.2958



Tritanomaly

24.4702, 0.5242, 0.3042

Monochromacy



Original Color

24.6039, 0.4730, 0.2616



Achromatopsia

19.8069, 0.3127, 0.3290



Achromatomaly

18.7808, 0.3724, 0.2861

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6039, 0.4730, 0.2616 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, 57, 134)` looks like.

```
.text, #text, p{  
    color:rgb(248, 57, 134)  
}
```

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, 57, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 57, 134) }
```

Border

The CSS property to change the border of an element to Yxy 24.6039, 0.4730, 0.2616 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, 57, 134) }
```

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

```
.border{ border-color:rgb(248, 57, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 57, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 57, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 57, 134);  
box-shadow:4px 4px 4px 4px rgb(248, 57,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6039, 0.4730, 0.2616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 57, 134) }
```

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

```
.background{ background-color: rgb(248, 57,  
134) }
```

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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