

Converting Colors

$Yxy(24.1022, 0.4768, 0.2643)$

Have a look what the booklet for
Yxy(24.1022, 0.4768, 0.2643)
contains.

Yxy(24.1308, 0.4774, 0.2648)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.1308, 0.4774, 0.2648)

Conversions

Conversions Part 1

Format	Color
Hex	F63982
RGB	246, 57, 130
RGB Percent	96%, 22%, 51%
CMY	0.0352, 0.7766, 0.4901
CMYK	0.00, 0.77, 0.47, 0.04
HSL	337°, 91%, 59%
HSV	337°, 77%, 96%
XYZ	43.5047, 24.1308, 23.4929
YIQ	121.8330, 89.2110, 62.7710

Conversions

Conversions Part 2

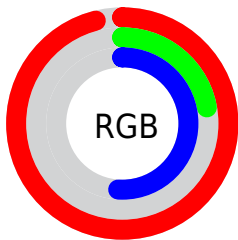
Format	Color
R_{YB}	246, 57, 130
Decimal	16136578
CIE _{Lab}	56.22, 74.05, 4.56
CIE _{LCh}	56, 74.186, 3.523
Yxy	24.1308, 0.4774, 0.2648
Android (android.graphics.Color)	4294326658 (0xFFFF63982)
YUV	121.8330, 4.0263, 108.8945
Hunter-Lab	49.1231, 72.1188, 6.0310

Details

The Yxy color **24.1308, 0.4774, 0.2648** 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 **69.8076, 0.2592, 0.4289**, and the grayscale version is **19.3667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3536, 0.3927, 0.2660**, and **10.7844, 0.5211, 0.2644** is the 20% darker color. If you saturate the color by 10%, you get **21.8855, 0.5093, 0.2677**, and if you desaturate by 10%, it is **27.6149, 0.4457, 0.2669**.

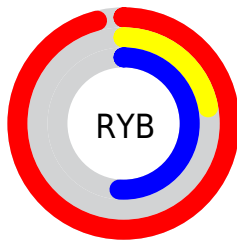
Distribution



Red (96%)

Green (22%)

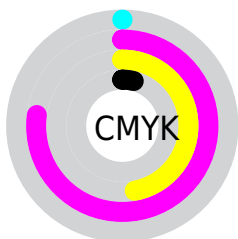
Blue (51%)



Red (96%)

Yellow (22%)

Blue (51%)

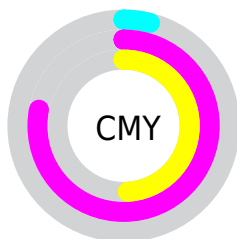


Cyan (0%)

Magenta (77%)

Yellow (47%)

Black (4%)



Cyan (4%)


Magenta (78%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1308, 0.4774, 0.2648 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 24.1308, 0.4774, 0.2648 by changing the saturation by 10% instead.


 24.1308, 0.4774,
0.2648


 24.1308, 0.4774,
0.2648


273.4811, 0.3870,
0.3010


 15.4307, 0.5025,
0.2544

 50.2436, 0.4427,
0.2790


 9.1222, 0.5359,
0.2402


 68.4250, 0.4302,
0.2840

 4.8210, 0.5825,
0.2201

 90.5356, 0.4198,
0.2881

 2.1426, 0.6503,
0.1898

 116.9599, 0.4112,
0.2916

 0.6884, 0.7689,
0.1422

 148.0822, 0.4038,
0.2945

 0.0000, 1.0000,
0.0000

184.2869, 0.3974,

 0.0000, 0.0000,

0.2970

0.0000

225.9584, 0.3918,
0.2991

■ 24.1308, 0.4774,
0.2648

■ 24.1308, 0.4774,
0.2648

■ 21.8855, 0.5093,
0.2677

■ 27.6149, 0.4457,
0.2669

■ 20.6818, 0.5389,
0.2759


■ 32.4864, 0.4162,
0.2729


■ 20.4237, 0.5477,
0.2791


■ 38.8768, 0.3900,
0.2815


■ 46.9012, 0.3675,
0.2915

■ 56.6636, 0.3486,
0.3020

 68.2591, 0.3330,
0.3124

 81.7760, 0.3201,
0.3225

 97.2968, 0.3096,
0.3319

 98.3362, 0.3072,
0.3290

Harmonies

Analogous

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



24.1308, 0.3461, 0.2039



24.1308, 0.4774, 0.2648



24.1308, 0.5519, 0.3372

Triad

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



24.1308, 0.4774, 0.2648



24.1308, 0.3534, 0.5678



24.1308, 0.1211, 0.1785

Complementary

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



24.1308, 0.4774, 0.2648



69.8076, 0.2592, 0.4289

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.



24.1308, 0.1209, 0.2472



24.1308, 0.4774, 0.2648



24.1308, 0.2443, 0.5280

Square

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



24.1308, 0.4774, 0.2648



24.1308, 0.4588, 0.5046



24.1308, 0.1598, 0.3797



24.1308, 0.1549, 0.1560

Rectangle

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



24.1308, 0.4774, 0.2648



24.1308, 0.5507, 0.3894



24.1308, 0.1598, 0.3797



24.1308, 0.1173, 0.1952

Sweetspot

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



24.1322, 0.4774, 0.2648



66.0132, 0.3423, 0.3060



18.1693, 0.2451, 0.1281



13.2024, 0.3483, 0.3022



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.



24.1322, 0.4774, 0.2648



22.9235, 0.5255, 0.2715



25.0434, 0.5669, 0.3436



16.5885, 0.3233, 0.3199



10.9249, 0.5435, 0.2767



0.9797, 0.5098, 0.2582

Inverse Universe

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



24.1322, 0.4774, 0.2648



22.9235, 0.5255, 0.2715



62.5245, 0.2233, 0.3047



16.5885, 0.3233, 0.3199



10.9249, 0.5435, 0.2767



0.9797, 0.5098, 0.2582

Previews

White Background



This preview shows how the Yxy color 24.1308, 0.4774, 0.2648 looks on a white background.

Color Contrast Check

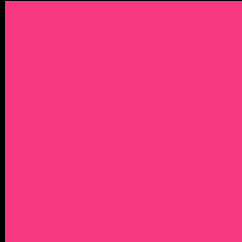
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1308, 0.4774, 0.2648 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 24.1308, 0.4774, 0.2648

Background



This preview shows how black text looks on a background with the Yxy color 24.1308, 0.4774, 0.2648.



This preview shows how white text looks on a background with the Yxy color 24.1308, 0.4774, 0.2648.

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

24.1308, 0.4774, 0.2648

Protanopia

24.4662, 0.2660, 0.2643

Deuteranopia

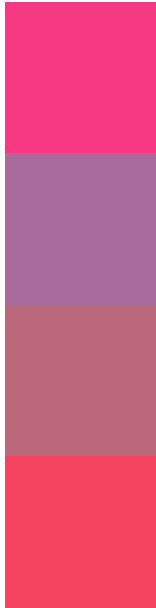
24.1180, 0.3503, 0.3439



Tritanopia

24.1974, 0.5484, 0.3273

Trichromacy



Original Color

24.1308, 0.4774, 0.2648

Protanomaly

21.2117, 0.3301, 0.2529

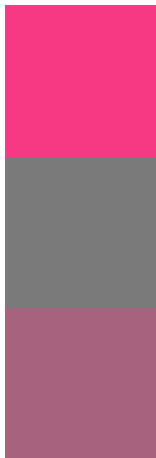
Deuteranomaly

21.7205, 0.4001, 0.2999

Tritanomaly

24.0736, 0.5255, 0.3057

Monochromacy



Original Color

24.1308, 0.4774, 0.2648

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.4315, 0.3743, 0.2874

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1308, 0.4774, 0.2648 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(246, 57, 130)` looks like.

```
.text, #text, p{  
    color:rgb(246, 57, 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(246, 57, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 57, 130) }
```

Border

The CSS property to change the border of an element to Yxy 24.1308, 0.4774, 0.2648 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(246, 57, 130) }
```

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

```
.border{ border-color:rgb(246, 57, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 57, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 57, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 57, 130);  
box-shadow:4px 4px 4px 4px rgb(246, 57,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1308, 0.4774, 0.2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 57, 130) }
```

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

```
.background{ background-color: rgb(246, 57,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor