

Converting Colors

Yxy(24.7490, 0.4948, 0.2818)

Have a look what the booklet for
Yxy(24.7490, 0.4948, 0.2818)
contains.

Yxy(24.7490, 0.4948, 0.2818)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.7490, 0.4948, 0.2818)

Conversions

Conversions Part 1

Format	Color
Hex	F74076
RGB	247, 64, 118
RGB Percent	97%, 25%, 46%
CMY	0.0314, 0.7488, 0.5373
CMYK	0.00, 0.74, 0.52, 0.03
HSL	342°, 92%, 61%
HSV	342°, 74%, 97%
XYZ	43.4557, 24.7490, 19.6200
YIQ	124.8730, 91.7340, 55.5900

Conversions

Conversions Part 2

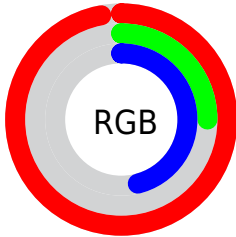
Format	Color
R_{YB}	247, 64, 118
Decimal	16203894
CIE _{Lab}	56.83, 71.27, 12.60
CIE _{LCh}	57, 72.371, 10.030
Yxy	24.7490, 0.4948, 0.2818
Android (android.graphics.Color)	4294393974 (0xFFFF74076)
YUV	124.8730, -3.3884, 107.1054
Hunter-Lab	49.7484, 68.8618, 11.4407

Details

The Yxy color **24.7490, 0.4948, 0.2818** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **71.4544, 0.2523, 0.4006**, and the grayscale version is **20.4582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0840, 0.4065, 0.2839**, and **10.6325, 0.5457, 0.2780** is the 20% darker color. If you saturate the color by 10%, you get **22.1759, 0.5317, 0.2847**, and if you desaturate by 10%, it is **28.6336, 0.4580, 0.2832**.

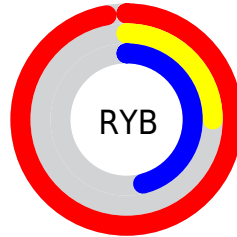
Distribution



Red (97%)

Green (25%)

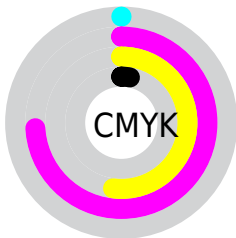
Blue (46%)



Red (97%)

Yellow (25%)

Blue (46%)

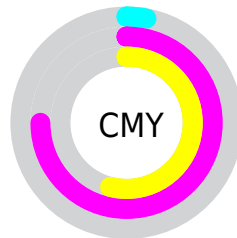


Cyan (0%)

Magenta (74%)

Yellow (52%)

Black (3%)



Cyan (3%)


Magenta (75%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7490, 0.4948, 0.2818 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 24.7490, 0.4948, 0.2818 by changing the saturation by 10% instead.


 24.7490, 0.4948,
0.2818

 24.7490, 0.4948,
0.2818


276.5856, 0.3946,
0.3107


 15.8902, 0.5224,
0.2727


 51.2497, 0.4564,
0.2936

 9.4465, 0.5591,
0.2599


 69.6604, 0.4425,
0.2977


 5.0335, 0.6096,
0.2409

 92.0238, 0.4311,
0.3009

 2.2669, 0.6813,
0.2109

 118.7243, 0.4214,
0.3036

 0.7561, 0.8309,
0.1691

 150.1464, 0.4133,
0.3058

 0.0000, 1.0000,
0.0000

186.6744, 0.4062,

 0.0000, 0.0000,

0.3077

0.0000

228.6926, 0.4000,
0.3093

■ 24.7490, 0.4948,
0.2818

■ 24.7490, 0.4948,
0.2818

■ 22.1759, 0.5317,
0.2847

■ 28.6336, 0.4580,
0.2832

■ 20.7295, 0.5652,
0.2923


■ 33.9739, 0.4241,
0.2879


■ 20.2495, 0.5825,
0.2983


■ 40.8992, 0.3944,
0.2947

■ 49.5237, 0.3693,
0.3025

■ 59.9507, 0.3484,
0.3106

 72.2753, 0.3314,
0.3185

 86.5858, 0.3176,
0.3261

 98.5109, 0.3078,
0.3290

Harmonies

Analogous

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



24.7490, 0.3739, 0.2184



24.7490, 0.4948, 0.2818



24.7490, 0.5490, 0.3547

Triad

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



24.7490, 0.4948, 0.2818



24.7490, 0.3305, 0.5627



24.7490, 0.1296, 0.1744

Complementary

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



24.7490, 0.4948, 0.2818



71.4544, 0.2523, 0.4006

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.



24.7490, 0.1224, 0.2307



24.7490, 0.4948, 0.2818



24.7490, 0.2261, 0.4948

Square

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



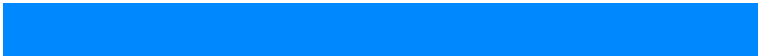
24.7490, 0.4948, 0.2818



24.7490, 0.4358, 0.5185



24.7490, 0.1519, 0.3461



24.7490, 0.1708, 0.1597

Rectangle

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



24.7490, 0.4948, 0.2818



24.7490, 0.5370, 0.4074



24.7490, 0.1519, 0.3461



24.7490, 0.1236, 0.1877

Sweetspot

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



24.7504, 0.4948, 0.2818



66.9898, 0.3447, 0.3122



21.6060, 0.2657, 0.1421



13.6203, 0.3497, 0.3100



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.



24.7504, 0.4948, 0.2818



22.9184, 0.5494, 0.2880



29.3779, 0.5387, 0.3605



16.5629, 0.3247, 0.3220



10.7326, 0.5782, 0.2959



0.9605, 0.5428, 0.2764

Inverse Universe

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



24.7504, 0.4948, 0.2818



22.9184, 0.5494, 0.2880



54.0942, 0.2186, 0.2812



16.5629, 0.3247, 0.3220



10.7326, 0.5782, 0.2959



0.9605, 0.5428, 0.2764

Previews

White Background



This preview shows how the Yxy color 24.7490, 0.4948, 0.2818 looks on a white background.

Color Contrast Check

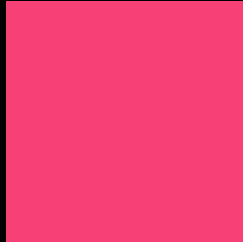
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7490, 0.4948, 0.2818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

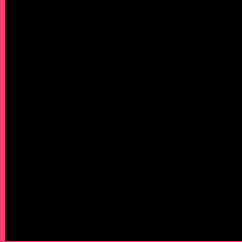
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.7490, 0.4948, 0.2818

Background



This preview shows how black text looks on a background with the Yxy color 24.7490, 0.4948, 0.2818.



This preview shows how white text looks on a background with the Yxy color 24.7490, 0.4948, 0.2818.

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

24.7490, 0.4948, 0.2818

Protanopia

24.9952, 0.2898, 0.2959

Deuteranopia

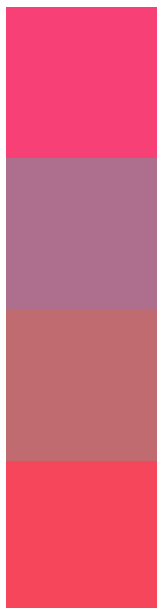
24.7077, 0.3713, 0.3645



Tritanopia

24.7134, 0.5466, 0.3265

Trichromacy



Original Color

24.7490, 0.4948, 0.2818

Protanomaly

22.1035, 0.3560, 0.2819

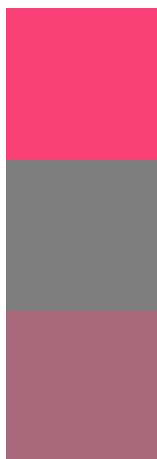
Deuteranomaly

22.7616, 0.4203, 0.3225

Tritanomaly

24.7459, 0.5295, 0.3111

Monochromacy



Original Color

24.7490, 0.4948, 0.2818

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.5407, 0.3795, 0.2999

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7490, 0.4948, 0.2818 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, 64, 118)` looks like.

```
.text, #text, p{  
    color:rgb(247, 64, 118)  
}
```

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, 64, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 64, 118) }
```

Border

The CSS property to change the border of an element to Yxy 24.7490, 0.4948, 0.2818 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, 64, 118) }
```

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

```
.border{ border-color:rgb(247, 64, 118) }
```

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

Here you see how a box with a 4 pixel rgb(247, 64, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 64, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 64, 118);  
box-shadow:4px 4px 4px 4px rgb(247, 64,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7490, 0.4948, 0.2818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 64, 118) }
```

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

```
.background{ background-color: rgb(247, 64,  
118) }
```

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