

Converting Colors

$Y_{xy}(28.8330, 0.4530, 0.2726)$

Have a look what the booklet for
Yxy(28.8330, 0.4530, 0.2726)
contains.

| | |
|---|----|
| Yxy(28.8330, 0.4530, 0.2726) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(28.8330, 0.4530, 0.2726)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FB548F |
| RGB | 251, 84, 143 |
| RGB Percent | 98%, 33%, 56% |
| CMY | 0.0156, 0.6706, 0.4392 |
| CMYK | 0.00, 0.67, 0.43, 0.02 |
| HSL | 339°, 95%, 66% |
| HSV | 339°, 67%, 98% |
| XYZ | 47.9140, 28.8330, 29.0234 |
| YIQ | 140.6590, 80.5930, 53.7530 |

Conversions

Conversions Part 2

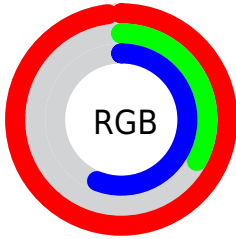
| Format | Color |
|-------------------------------------|---|
| RYB | 251, 84, 143 |
| Decimal | 16471183 |
| CIELab | 60.63, 67.62, 3.41 |
| CIELCh | 61, 67.702, 2.890 |
| Yxy | 28.8330, 0.4530, 0.2726 |
| Android (android.graphics.Color) | 4294661263 (0xFFFB548F) |
| YUV | 140.6590, 1.1541, 96.7691 |
| Hunter-Lab | 53.6964, 65.3092, 5.5407 |

Details

The Yxy color **28.8330, 0.4530, 0.2726** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **74.6916, 0.2589, 0.4056**, and the grayscale version is **26.4676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.9361, 0.3720, 0.2734**, and **11.6091, 0.4996, 0.2526** is the 20% darker color. If you saturate the color by 10%, you get **25.1545, 0.4867, 0.2711**, and if you desaturate by 10%, it is **33.9809, 0.4216, 0.2779**.

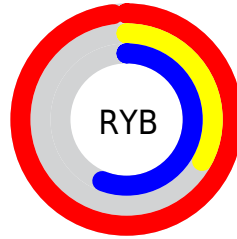
Distribution



Red (98%)

Green (33%)

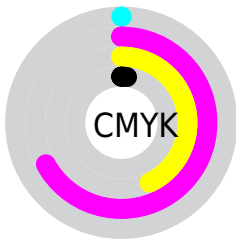
Blue (56%)



Red (98%)

Yellow (33%)

Blue (56%)

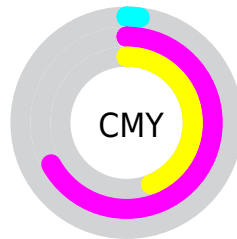


Cyan (0%)

Magenta (67%)

Yellow (43%)

Black (2%)



Cyan (2%)

Magenta (67%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8330, 0.4530, 0.2726 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 28.8330, 0.4530, 0.2726 by changing the saturation by 10% instead.


 28.8330, 0.4530,
0.2726


 28.8330, 0.4530,
0.2726


296.4262, 0.3778,
0.3034

 18.9545, 0.4733,
0.2641


 57.8116, 0.4245,
0.2844


 11.6374, 0.5001,
0.2527


 77.6806, 0.4142,
0.2887

 6.4973, 0.5370,
0.2367


 101.6485, 0.4055,
0.2922

 3.1498, 0.5903,
0.2132

 130.0998, 0.3983,
0.2952

 1.2104, 0.6717,
0.1762

163.4188, 0.3920,
0.2977

 0.0702, 0.9670,
0.0330

201.9899, 0.3866,

 0.0000, 1.0000,

0.2999

0.0000

246.1976, 0.3819,
0.3018

0.0000, 0.0000,
0.0000

28.8330, 0.4530,
0.2726

28.8330, 0.4530,
0.2726

25.1545, 0.4867,
0.2711

33.9809, 0.4216,
0.2779

22.7808, 0.5204,
0.2745

40.7304, 0.3937,
0.2857


21.5131, 0.5513,
0.2830


49.2039, 0.3699,
0.2949

21.2266, 0.5612,
0.2865

59.5106, 0.3500,
0.3045

71.7508, 0.3336,
0.3141

 86.0172, 0.3201,
0.3233

 99.2510, 0.3103,
0.3290

Harmonies

Analogous

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



28.8330, 0.3405, 0.2167



28.8330, 0.4530, 0.2726



28.8330, 0.5206, 0.3401

Triad

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



28.8330, 0.4530, 0.2726



28.8330, 0.3570, 0.5352



28.8330, 0.1397, 0.1972

Complementary

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



28.8330, 0.4530, 0.2726



74.6916, 0.2589, 0.4056

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.



28.8330, 0.1414, 0.2622



28.8330, 0.4530, 0.2726



28.8330, 0.2584, 0.4976

Square

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



28.8330, 0.4530, 0.2726



28.8330, 0.4498, 0.4883



28.8330, 0.1802, 0.3769



28.8330, 0.1707, 0.1742

Rectangle

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



28.8330, 0.4530, 0.2726



28.8330, 0.5240, 0.3886



28.8330, 0.1802, 0.3769



28.8330, 0.1366, 0.2135

Sweetspot

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



28.8346, 0.4530, 0.2726



69.7204, 0.3389, 0.3108



24.2242, 0.2614, 0.1517



14.1580, 0.3435, 0.3081



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.



28.8346, 0.4530, 0.2726



25.0592, 0.4988, 0.2717



31.5145, 0.5169, 0.3498



17.3265, 0.3238, 0.3206



11.1816, 0.5568, 0.2841



1.0549, 0.5238, 0.2659

Inverse Universe

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



28.8346, 0.4530, 0.2726



25.0592, 0.4988, 0.2717



64.7461, 0.2280, 0.3012



17.3265, 0.3238, 0.3206



11.1816, 0.5568, 0.2841



1.0549, 0.5238, 0.2659

Previews

White Background



This preview shows how the Yxy color 28.8330, 0.4530, 0.2726 looks on a white background.

Color Contrast Check

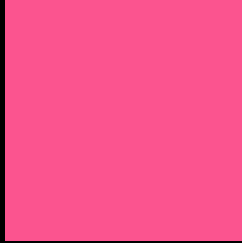
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8330, 0.4530, 0.2726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

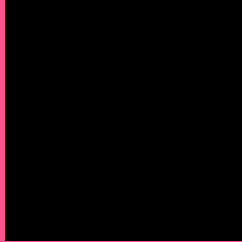
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8330, 0.4530, 0.2726

Background



This preview shows how black text looks on a background with the Yxy color 28.8330, 0.4530, 0.2726.



This preview shows how white text looks on a background with the Yxy color 28.8330, 0.4530, 0.2726.

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

28.8330, 0.4530, 0.2726

Protanopia

28.9944, 0.2763, 0.2771

Deuteranopia

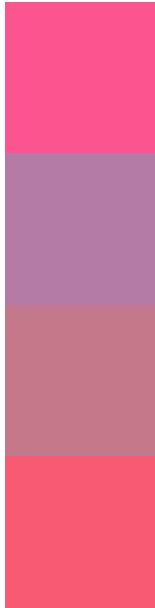
28.7984, 0.3455, 0.3382



Tritanopia

28.8627, 0.5062, 0.3249

Trichromacy



Original Color

28.8330, 0.4530, 0.2726

Protanomaly

26.6224, 0.3315, 0.2692

Deuteranomaly

27.0037, 0.3848, 0.3050

Tritanomaly

28.6899, 0.4882, 0.3057

Monochromacy



Original Color

28.8330, 0.4530, 0.2726

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.2097, 0.3619, 0.2976

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8330, 0.4530, 0.2726 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(251, 84, 143)` looks like.

```
.text, #text, p{  
    color:rgb(251, 84, 143)  
}
```

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(251, 84, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 84, 143) }
```

Border

The CSS property to change the border of an element to Yxy 28.8330, 0.4530, 0.2726 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(251, 84, 143) }
```

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

```
.border{ border-color:rgb(251, 84, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 84, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 84, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 84, 143);  
box-shadow:4px 4px 4px 4px rgb(251, 84,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8330, 0.4530, 0.2726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 84, 143) }
```

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

```
.background{ background-color: rgb(251, 84,  
143) }
```

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