

Converting Colors

$Y_{xy}(44.6700, 0.3646, 0.2722)$

Have a look what the booklet for
Yxy(44.6700, 0.3646, 0.2722)
contains.

Yxy(44.6983, 0.3649, 0.2724)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.6983, 0.3649, 0.2724)

Conversions

Conversions Part 1

Format	Color
Hex	FA91C7
RGB	250, 145, 199
RGB Percent	98%, 57%, 78%
CMY	0.0194, 0.4315, 0.2195
CMYK	0.00, 0.42, 0.20, 0.02
HSL	329°, 91%, 77%
HSV	329°, 42%, 98%
XYZ	59.8767, 44.6983, 59.5157
YIQ	182.5510, 45.2460, 39.0540

Conversions

Conversions Part 2

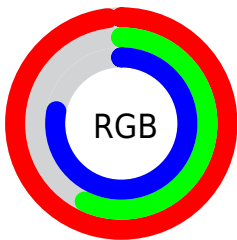
Format	Color
R _Y B	250, 145, 199
Decimal	16421319
CIE Lab	72.69, 46.33, -10.61
CIE LCh	73, 47.526, 347.103
Yxy	44.6983, 0.3649, 0.2724
Android (android.graphics.Color)	4294611399 (0xFFFA91C7)
YUV	182.5510, 8.1094, 59.1528
Hunter-Lab	66.8568, 42.8646, -5.9800

Details

The Yxy color **44.6983, 0.3649, 0.2724** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **78.4127, 0.2811, 0.3947**, and the grayscale version is **47.0313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2533, 0.3152, 0.2762**, and **20.7750, 0.3784, 0.2584** is the 20% darker color. If you saturate the color by 10%, you get **37.3413, 0.3835, 0.2599**, and if you desaturate by 10%, it is **53.7861, 0.3488, 0.2860**.

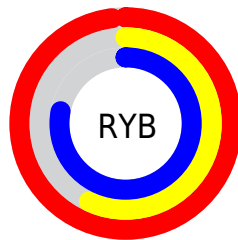
Distribution



Red (98%)

Green (57%)

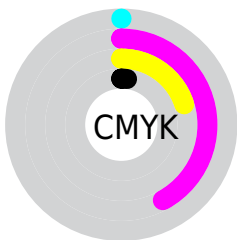
Blue (78%)



Red (98%)

Yellow (57%)

Blue (78%)

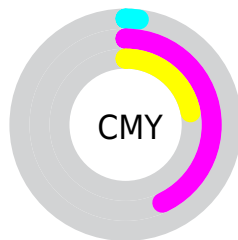


Cyan (0%)

Magenta (42%)

Yellow (20%)

Black (2%)



Cyan (2%)


Magenta (43%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6983, 0.3649, 0.2724 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 44.6983, 0.3649, 0.2724 by changing the saturation by 10% instead.


 44.6983, 0.3649,
0.2724


 44.6983, 0.3649,
0.2724


365.5503, 0.3393,
0.2996

 31.2199, 0.3711,
0.2659


 82.2675, 0.3557,
0.2820

 20.7663, 0.3790,
0.2578


 107.1270, 0.3522,
0.2857

 12.9533, 0.3894,
0.2474


136.5491, 0.3493,
0.2889

 7.3964, 0.4035,
0.2334

170.9180, 0.3467,
0.2916

 3.7112, 0.4239,
0.2138

210.6181, 0.3445,
0.2940

 1.5134, 0.4556,
0.1845

256.0340, 0.3426,

 0.2981, 0.5318,

0.2961

0.1020

307.5499, 0.3408,
0.2979

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.6983, 0.3649,
0.2724

■ 44.6983, 0.3649,
0.2724

■ 37.3413, 0.3835,
0.2599

■ 53.7861, 0.3488,
0.2860

■ 31.5961, 0.4046,
0.2495

■ 64.7006, 0.3352,
0.2999

■ 27.3387, 0.4276,
0.2425

■ 77.5385, 0.3239,
0.3135

■ 24.4240, 0.4516,
0.2402

■ 92.3875, 0.3144,
0.3265

■ 22.6771, 0.4755,
0.2434

■ 99.0755, 0.3097,
0.3290

■ 21.9102, 0.4937,
0.2493

Harmonies

Analogous

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



44.6983, 0.2960, 0.2398



44.6983, 0.3649, 0.2724



44.6983, 0.4229, 0.3177

Triad

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



44.6983, 0.3649, 0.2724



44.6983, 0.3815, 0.4488



44.6983, 0.1947, 0.2671

Complementary

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



44.6983, 0.3649, 0.2724



78.4127, 0.2811, 0.3947

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.



44.6983, 0.2121, 0.3262



44.6983, 0.3649, 0.2724



44.6983, 0.3176, 0.4450

Square

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



44.6983, 0.3649, 0.2724



44.6983, 0.4298, 0.4166



44.6983, 0.2557, 0.3964



44.6983, 0.2040, 0.2335

Rectangle

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



44.6983, 0.3649, 0.2724



44.6983, 0.4435, 0.3513



44.6983, 0.2557, 0.3964



44.6983, 0.1975, 0.2842

Sweetspot

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



44.7004, 0.3649, 0.2724



79.6490, 0.3249, 0.3122



38.8505, 0.2718, 0.2108



16.3851, 0.3273, 0.3092



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.



44.7004, 0.3649, 0.2724



40.4218, 0.3796, 0.2622



42.6738, 0.4206, 0.3275



17.3743, 0.3213, 0.3169



11.6445, 0.4902, 0.2474



1.0999, 0.4644, 0.2332

Inverse Universe

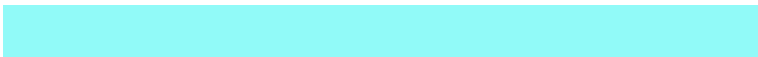
The Inverse Universe completely reimagines the original color for something new.



44.7004, 0.3649, 0.2724



40.4218, 0.3796, 0.2622



81.2234, 0.2561, 0.3308



17.3743, 0.3213, 0.3169



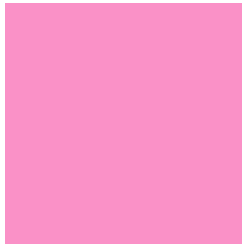
11.6445, 0.4902, 0.2474



1.0999, 0.4644, 0.2332

Previews

White Background



This preview shows how the Yxy color 44.6983, 0.3649, 0.2724 looks on a white background.

Color Contrast Check

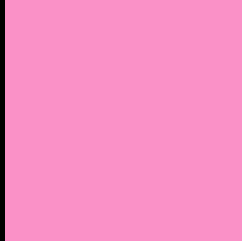
Large Text (above 18pt) WCAG AA × Fail

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 44.6983, 0.3649, 0.2724 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 ✓ Pass

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

Yxy 44.6983, 0.3649, 0.2724

Background



This preview shows how black text looks on a background with the Yxy color 44.6983, 0.3649, 0.2724.



This preview shows how white text looks on a background with the Yxy color 44.6983, 0.3649, 0.2724.

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

44.6983, 0.3649, 0.2724

Protanopia

45.0466, 0.2743, 0.2745

Deuteranopia

44.9860, 0.3095, 0.3036



Tritanopia

44.6936, 0.3964, 0.3173

Trichromacy



Original Color

44.6983, 0.3649, 0.2724



Protanomaly

43.6695, 0.3031, 0.2722



Deuteranomaly

44.0288, 0.3284, 0.2896



Tritanomaly

44.4036, 0.3848, 0.3000

Monochromacy



Original Color

44.6983, 0.3649, 0.2724



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.3155, 0.3302, 0.3047

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6983, 0.3649, 0.2724 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(250, 145, 199)` looks like.

```
.text, #text, p{  
    color:rgb(250, 145, 199)  
}
```

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(250, 145, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 145, 199) }
```

Border

The CSS property to change the border of an element to Yxy 44.6983, 0.3649, 0.2724 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(250, 145, 199) }
```

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

```
.border{ border-color:rgb(250, 145, 199) }
```

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

Here you see how a box with a 4 pixel rgb(250, 145, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 145, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 145, 199);  
box-shadow:4px 4px 4px 4px rgb(250, 145,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6983, 0.3649, 0.2724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 145, 199) }
```

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

```
.background{ background-color: rgb(250,  
145, 199) }
```

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