

Converting Colors

Yxy(53.3894, 0.3454, 0.2699)

Have a look what the booklet for
Yxy(53.3894, 0.3454, 0.2699)
contains.

Yxy(53.0848, 0.3444, 0.2701)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.0848, 0.3444, 0.2701)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4DE
RGB	255, 164, 222
RGB Percent	100%, 64%, 87%
CMY	0.0001, 0.3567, 0.1295
CMYK	0.00, 0.36, 0.13, 0.00
HSL	322°, 100%, 82%
HSV	322°, 36%, 100%
XYZ	67.6875, 53.0848, 75.7652
YIQ	197.8210, 35.6180, 37.3300

Conversions

Conversions Part 2

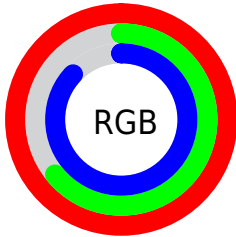
Format	Color
R _Y B	255, 164, 222
Decimal	16753886
CIE Lab	77.93, 41.66, -15.29
CIE LCh	78, 44.373, 339.846
Yxy	53.0848, 0.3444, 0.2701
Android (android.graphics.Color)	4294943966 (0xFFFA4DE)
YUV	197.8210, 11.9202, 50.1460
Hunter-Lab	72.8593, 38.3257, -10.6532

Details

The Yxy color **53.0848, 0.3444, 0.2701** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.4263, 0.2908, 0.3967**, and the grayscale version is **56.2692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6664, 0.3143, 0.2950**, and **25.8122, 0.3521, 0.2554** is the 20% darker color. If you saturate the color by 10%, you get **44.3736, 0.3568, 0.2539**, and if you desaturate by 10%, it is **63.6574, 0.3336, 0.2870**.

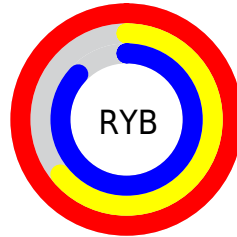
Distribution



Red (100%)

Green (64%)

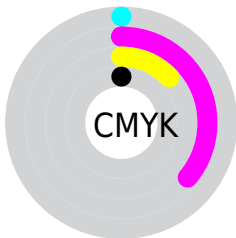
Blue (87%)



Red (100%)

Yellow (64%)

Blue (87%)

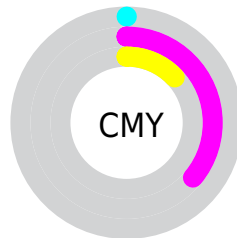


Cyan (0%)

Magenta (36%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0848, 0.3444, 0.2701 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 53.0848, 0.3444, 0.2701 by changing the saturation by 10% instead.

 53.0848, 0.3444,
0.2701

 53.0848, 0.3444,
0.2701


398.6104, 0.3296,
0.2974

 37.8705, 0.3478,
0.2639


 94.7291, 0.3393,
0.2796

 25.8822, 0.3520,
0.2562


 121.9279, 0.3373,
0.2833

 16.7355, 0.3573,
0.2464

153.8903, 0.3355,
0.2864

 10.0461, 0.3643,
0.2338

191.0008, 0.3340,
0.2892

 5.4295, 0.3739,
0.2166

233.6436, 0.3327,
0.2916

 2.5014, 0.3876,
0.1923

282.2032, 0.3316,

 0.8774, 0.4088,

0.2938

0.1554

337.0640, 0.3305,
0.2957

0.0000, 0.4938,
0.0000

0.0000, 0.0000,
0.0000

53.0848, 0.3444,
0.2701

53.0848, 0.3444,
0.2701

44.3736, 0.3568,
0.2539

63.6574, 0.3336,
0.2870

37.4060, 0.3708,
0.2393

76.1852, 0.3244,
0.3038

32.0625, 0.3861,
0.2274

90.7645, 0.3166,
0.3201

28.2049, 0.4023,
0.2195

99.9936, 0.3127,
0.3290

■ 25.6720, 0.4188,
0.2164

■ 24.2643, 0.4350,
0.2186

■ 23.8785, 0.4419,
0.2208

Harmonies

Analogous

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



53.0848, 0.2845, 0.2442



53.0848, 0.3444, 0.2701



53.0848, 0.3996, 0.3091

Triad

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



53.0848, 0.3444, 0.2701



53.0848, 0.3868, 0.4307



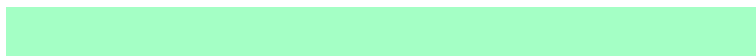
53.0848, 0.2087, 0.2858

Complementary

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



53.0848, 0.3444, 0.2701



83.4263, 0.2908, 0.3967

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.



53.0848, 0.2307, 0.3420



53.0848, 0.3444, 0.2701



53.0848, 0.3322, 0.4348

Square

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



53.0848, 0.3444, 0.2701



53.0848, 0.4235, 0.3987



53.0848, 0.2751, 0.4008



53.0848, 0.2111, 0.2493

Rectangle

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



53.0848, 0.3444, 0.2701



53.0848, 0.4232, 0.3390



53.0848, 0.2751, 0.4008



53.0848, 0.2133, 0.3028

Sweetspot

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



53.0872, 0.3444, 0.2701



82.7526, 0.3206, 0.3115



45.4957, 0.2702, 0.2274



17.2955, 0.3216, 0.3093



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.



53.0872, 0.3444, 0.2701



46.5353, 0.3534, 0.2581



51.0159, 0.3858, 0.3149



18.1819, 0.3194, 0.3140



12.5104, 0.4393, 0.2194



1.2391, 0.4222, 0.2099

Inverse Universe

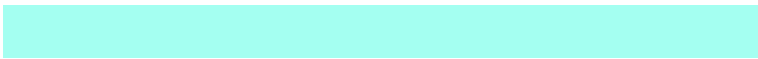
The Inverse Universe completely reimagines the original color for something new.



53.0872, 0.3444, 0.2701



46.5353, 0.3534, 0.2581



85.7643, 0.2688, 0.3441



18.1819, 0.3194, 0.3140



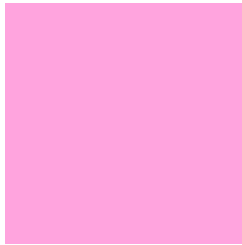
12.5104, 0.4393, 0.2194



1.2391, 0.4222, 0.2099

Previews

White Background



This preview shows how the Yxy color 53.0848, 0.3444, 0.2701 looks on a white background.

Color Contrast Check

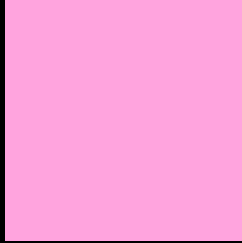
Large Text (above 18pt) WCAG AA × Fail

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 53.0848, 0.3444, 0.2701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

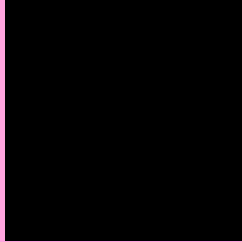
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0848, 0.3444, 0.2701

Background



This preview shows how black text looks on a background with the Yxy color 53.0848, 0.3444, 0.2701.



This preview shows how white text looks on a background with the Yxy color 53.0848, 0.3444, 0.2701.

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

53.0848, 0.3444, 0.2701

Protanopia

53.3766, 0.2715, 0.2713

Deuteranopia

53.3078, 0.3000, 0.2937



Tritanopia

53.0957, 0.3742, 0.3154

Trichromacy



Original Color

53.0848, 0.3444, 0.2701



Protanomaly

52.3408, 0.2954, 0.2701



Deuteranomaly

52.5703, 0.3157, 0.2840



Tritanomaly

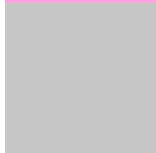
52.7779, 0.3628, 0.2976

Monochromacy



Original Color

53.0848, 0.3444, 0.2701



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.6829, 0.3238, 0.3051

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0848, 0.3444, 0.2701 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(255, 164, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 222)  
}
```

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(255, 164, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 222) }
```

Border

The CSS property to change the border of an element to Yxy 53.0848, 0.3444, 0.2701 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(255, 164, 222) }
```

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

```
.border{ border-color:rgb(255, 164, 222) }
```

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

Here you see how a box with a 4 pixel rgb(255, 164, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0848, 0.3444, 0.2701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 222) }
```

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

```
.background{ background-color: rgb(255,  
164, 222) }
```

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