

Converting Colors

Yxy(53.7153, 0.3442, 0.2718)

Have a look what the booklet for
Yxy(53.7153, 0.3442, 0.2718)
contains.

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Color

Yxy(53.8064, 0.3441, 0.2721)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6DE
RGB	255, 166, 222
RGB Percent	100%, 65%, 87%
CMY	0.0002, 0.3489, 0.1295
CMYK	0.00, 0.35, 0.13, 0.00
HSL	322°, 100%, 83%
HSV	322°, 35%, 100%
XYZ	68.0440, 53.8064, 75.8945
YIQ	198.9950, 35.0680, 36.2840

Conversions

Conversions Part 2

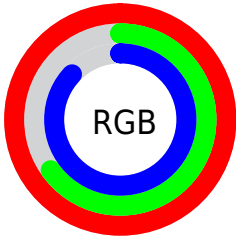
Format	Color
R _{YB}	255, 166, 222
Decimal	16754398
CIE _{Lab}	78.35, 40.61, -14.66
CIE _{LCh}	78, 43.177, 340.153
Y _{xy}	53.8064, 0.3441, 0.2721
Android (android.graphics.Color)	4294944478 (0xFFFFA6DE)
Y _{UV}	198.9950, 11.3415, 49.1164
Hunter-Lab	73.3528, 37.2138, -9.9974

Details

The Yxy color **53.8064, 0.3441, 0.2721** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.7197, 0.2908, 0.3941**, and the grayscale version is **57.0251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7226, 0.3142, 0.2970**, and **26.2487, 0.3517, 0.2579** is the 20% darker color. If you saturate the color by 10%, you get **44.9453, 0.3567, 0.2560**, and if you desaturate by 10%, it is **64.5380, 0.3332, 0.2888**.

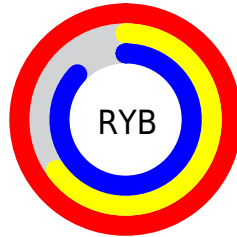
Distribution



Red (100%)

Green (65%)

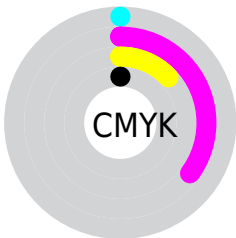
Blue (87%)



Red (100%)

Yellow (65%)

Blue (87%)

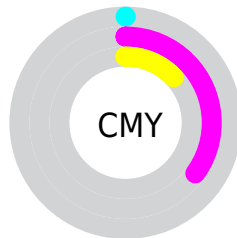


Cyan (0%)

Magenta (35%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8064, 0.3441, 0.2721 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 53.8064, 0.3441, 0.2721 by changing the saturation by 10% instead.

 53.8064, 0.3441,
0.2721


 53.8064, 0.3441,
0.2721


401.3713, 0.3295,
0.2985

 38.4469, 0.3475,
0.2661


 95.7899, 0.3390,
0.2813

 26.3297, 0.3516,
0.2586


 123.1827, 0.3370,
0.2848

 17.0705, 0.3569,
0.2492


155.3555, 0.3353,
0.2879

 10.2848, 0.3639,
0.2370

192.6925, 0.3338,
0.2905

 5.5882, 0.3734,
0.2204

235.5782, 0.3325,
0.2929

 2.5963, 0.3871,
0.1968

284.3969, 0.3314,

 0.9248, 0.4084,

0.2950

0.1610

339.5332, 0.3304,
0.2968

0.0000, 0.4975,
0.0000

0.0000, 0.0000,
0.0000

53.8064, 0.3441,
0.2721

53.8064, 0.3441,
0.2721

44.9453, 0.3567,
0.2560

64.5380, 0.3332,
0.2888

37.8378, 0.3709,
0.2414

77.2333, 0.3239,
0.3054

32.3653, 0.3865,
0.2294

91.9882, 0.3161,
0.3215

28.3913, 0.4031,
0.2213

99.9896, 0.3127,
0.3290

■ 25.7566, 0.4201,
0.2180

■ 24.2659, 0.4367,
0.2200

■ 23.8027, 0.4451,
0.2226

Harmonies

Analogous

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



53.8064, 0.2859, 0.2466



53.8064, 0.3441, 0.2721



53.8064, 0.3973, 0.3102

Triad

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



53.8064, 0.3441, 0.2721



53.8064, 0.3843, 0.4279



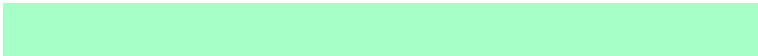
53.8064, 0.2115, 0.2868

Complementary

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



53.8064, 0.3441, 0.2721



83.7197, 0.2908, 0.3941

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.



53.8064, 0.2328, 0.3411



53.8064, 0.3441, 0.2721



53.8064, 0.3312, 0.4311

Square

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



53.8064, 0.3441, 0.2721



53.8064, 0.4199, 0.3973



53.8064, 0.2758, 0.3979



53.8064, 0.2141, 0.2515

Rectangle

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



53.8064, 0.3441, 0.2721



53.8064, 0.4199, 0.3395



53.8064, 0.2758, 0.3979



53.8064, 0.2160, 0.3033

Sweetspot

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



53.8089, 0.3441, 0.2721



84.2017, 0.3199, 0.3134



46.5952, 0.2725, 0.2302



17.5839, 0.3210, 0.3111



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.



53.8089, 0.3441, 0.2721



47.3299, 0.3529, 0.2605



51.7458, 0.3849, 0.3167



18.1794, 0.3195, 0.3141



12.4733, 0.4425, 0.2211



1.2356, 0.4249, 0.2114

Inverse Universe

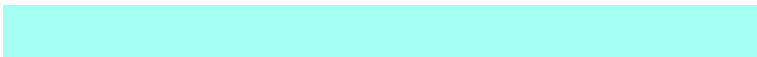
The Inverse Universe completely reimagines the original color for something new.



53.8089, 0.3441, 0.2721



47.3299, 0.3529, 0.2605



86.0728, 0.2689, 0.3420



18.1794, 0.3195, 0.3141



12.4733, 0.4425, 0.2211



1.2356, 0.4249, 0.2114

Previews

White Background



This preview shows how the Yxy color 53.8064, 0.3441, 0.2721 looks on a white background.

Color Contrast Check

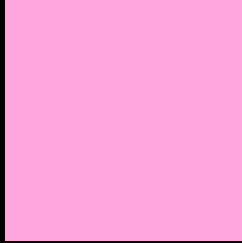
Large Text (above 18pt) WCAG AA × Fail

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 53.8064, 0.3441, 0.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

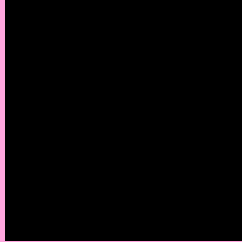
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8064, 0.3441, 0.2721

Background



This preview shows how black text looks on a background with the Yxy color 53.8064, 0.3441, 0.2721.



This preview shows how white text looks on a background with the Yxy color 53.8064, 0.3441, 0.2721.

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

53.8064, 0.3441, 0.2721

Protanopia

54.0578, 0.2730, 0.2728

Deuteranopia

54.0137, 0.3016, 0.2950



Tritanopia

53.9415, 0.3718, 0.3154

Trichromacy



Original Color

53.8064, 0.3441, 0.2721



Protanomaly

53.3055, 0.2962, 0.2726



Deuteranomaly

53.5344, 0.3164, 0.2864



Tritanomaly

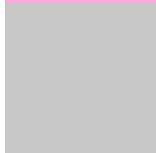
53.5684, 0.3615, 0.2987

Monochromacy



Original Color

53.8064, 0.3441, 0.2721



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.1057, 0.3237, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8064, 0.3441, 0.2721 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, 166, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 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, 166, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 222) }
```

Border

The CSS property to change the border of an element to Yxy 53.8064, 0.3441, 0.2721 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, 166, 222) }
```

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

```
.border{ border-color:rgb(255, 166, 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, 166, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 166, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 166, 222); box-shadow:4px 4px 4px 4px rgb(255, 166, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8064, 0.3441, 0.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 222) }
```

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

```
.background{ background-color: rgb(255,  
166, 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](#).

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