

Converting Colors

$Y_{xy}(53.7760, 0.3477, 0.2766)$

Have a look what the booklet for
Yxy(53.7760, 0.3477, 0.2766)
contains.

Yxy(53.9594, 0.3475, 0.2769)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.9594, 0.3475, 0.2769)

Conversions

Conversions Part 1

Format	Color
Hex	FFA7DA
RGB	255, 167, 218
RGB Percent	100%, 65%, 85%
CMY	0.0000, 0.3451, 0.1450
CMYK	0.00, 0.35, 0.14, 0.00
HSL	325°, 100%, 83%
HSV	325°, 35%, 100%
XYZ	67.7172, 53.9594, 73.1930
YIQ	199.1260, 36.0770, 34.5170

Conversions

Conversions Part 2

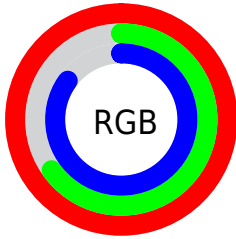
Format	Color
R _Y B	255, 167, 218
Decimal	16754650
CIE Lab	78.44, 39.51, -12.38
CIE LCh	78, 41.403, 342.608
Yxy	53.9594, 0.3475, 0.2769
Android (android.graphics.Color)	4294944730 (0xFFFFA7DA)
YUV	199.1260, 9.3049, 49.0015
Hunter-Lab	73.4571, 36.0023, -7.6569

Details

The Yxy color **53.9594, 0.3475, 0.2769** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.0940, 0.2888, 0.3880**, and the grayscale version is **57.1211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2554, 0.3142, 0.2980**, and **26.3249, 0.3564, 0.2640** is the 20% darker color. If you saturate the color by 10%, you get **44.9781, 0.3618, 0.2619**, and if you desaturate by 10%, it is **64.8222, 0.3352, 0.2924**.

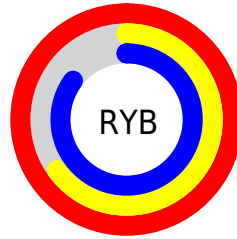
Distribution



Red (100%)

Green (65%)

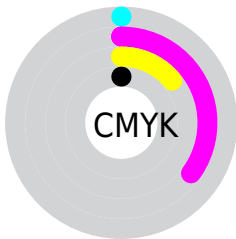
Blue (85%)



Red (100%)

Yellow (65%)

Blue (85%)

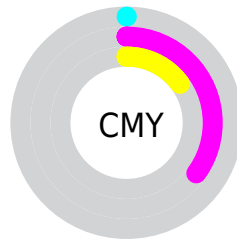


Cyan (0%)

Magenta (35%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (35%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9594, 0.3475, 0.2769 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 53.9594, 0.3475, 0.2769 by changing the saturation by 10% instead.


 53.9594, 0.3475,
0.2769

 53.9594, 0.3475,
0.2769


401.9552, 0.3311,
0.3012

 38.5692, 0.3513,
0.2713


 96.0146, 0.3417,
0.2853

 26.4248, 0.3561,
0.2644


 123.4485, 0.3395,
0.2886

 17.1417, 0.3622,
0.2557


155.6656, 0.3376,
0.2914

 10.3356, 0.3702,
0.2442

193.0505, 0.3360,
0.2939

 5.6220, 0.3814,
0.2286

235.9875, 0.3345,
0.2961

 2.6166, 0.3977,
0.2062

284.8610, 0.3332,

 0.9350, 0.4240,

0.2980

0.1716

340.0554, 0.3321,
0.2997

0.0000, 0.5417,
0.0000

0.0000, 0.0000,
0.0000

53.9594, 0.3475,
0.2769

53.9594, 0.3475,
0.2769

44.9781, 0.3618,
0.2619

64.8222, 0.3352,
0.2924

37.7638, 0.3781,
0.2482

77.6621, 0.3248,
0.3078

32.1973, 0.3962,
0.2372

92.5741, 0.3161,
0.3226

28.1425, 0.4157,
0.2299

100.0000, 0.3127,
0.3290

■ 25.4410, 0.4356,
0.2275

■ 23.8986, 0.4553,
0.2305

■ 23.3937, 0.4658,
0.2340

Harmonies

Analogous

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



53.9594, 0.2914, 0.2511



53.9594, 0.3475, 0.2769



53.9594, 0.3970, 0.3145

Triad

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



53.9594, 0.3475, 0.2769



53.9594, 0.3779, 0.4253



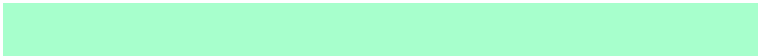
53.9594, 0.2147, 0.2852

Complementary

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



53.9594, 0.3475, 0.2769



84.0940, 0.2888, 0.3880

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.



53.9594, 0.2335, 0.3361



53.9594, 0.3475, 0.2769



53.9594, 0.3262, 0.4251

Square

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



53.9594, 0.3475, 0.2769



53.9594, 0.4138, 0.3980



53.9594, 0.2735, 0.3908



53.9594, 0.2190, 0.2528

Rectangle

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



53.9594, 0.3475, 0.2769



53.9594, 0.4171, 0.3429



53.9594, 0.2735, 0.3908



53.9594, 0.2184, 0.3006

Sweetspot

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



53.9611, 0.3475, 0.2769



84.1248, 0.3207, 0.3146



47.6481, 0.2763, 0.2323



17.5653, 0.3220, 0.3125



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.



53.9611, 0.3475, 0.2769



47.9234, 0.3565, 0.2670



51.9668, 0.3881, 0.3215



18.1637, 0.3203, 0.3153



12.2542, 0.4628, 0.2323



1.2150, 0.4421, 0.2209

Inverse Universe

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



53.9611, 0.3475, 0.2769



47.9234, 0.3565, 0.2670



86.4922, 0.2672, 0.3369



18.1637, 0.3203, 0.3153



12.2542, 0.4628, 0.2323



1.2150, 0.4421, 0.2209

Previews

White Background



This preview shows how the Yxy color 53.9594, 0.3475, 0.2769 looks on a white background.

Color Contrast Check

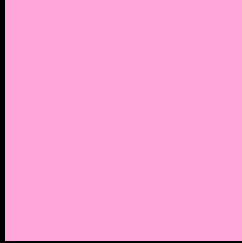
Large Text (above 18pt) WCAG AA × Fail

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 53.9594, 0.3475, 0.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

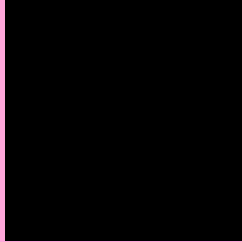
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9594, 0.3475, 0.2769

Background



This preview shows how black text looks on a background with the Yxy color 53.9594, 0.3475, 0.2769.



This preview shows how white text looks on a background with the Yxy color 53.9594, 0.3475, 0.2769.

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

53.9594, 0.3475, 0.2769

Protanopia

54.4524, 0.2776, 0.2796

Deuteranopia

54.0876, 0.3061, 0.2997



Tritanopia

53.9415, 0.3718, 0.3154

Trichromacy



Original Color

53.9594, 0.3475, 0.2769



Protanomaly

53.6398, 0.2999, 0.2780



Deuteranomaly

53.6420, 0.3212, 0.2909



Tritanomaly

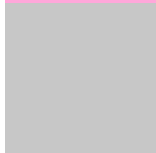
53.8985, 0.3622, 0.3008

Monochromacy



Original Color

53.9594, 0.3475, 0.2769



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.0569, 0.3245, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9594, 0.3475, 0.2769 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, 167, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 218)  
}
```

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, 167, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 218) }
```

Border

The CSS property to change the border of an element to Yxy 53.9594, 0.3475, 0.2769 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, 167, 218) }
```

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

```
.border{ border-color:rgb(255, 167, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9594, 0.3475, 0.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 218) }
```

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

```
.background{ background-color: rgb(255,  
167, 218) }
```

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