

Converting Colors

$Y_{xy}(54.9099, 0.3437, 0.2751)$

Have a look what the booklet for
Yxy(54.9099, 0.3437, 0.2751)
contains.

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Color

Yxy(54.9099, 0.3437, 0.2751)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9DE
RGB	255, 169, 222
RGB Percent	100%, 66%, 87%
CMY	0.0001, 0.3372, 0.1294
CMYK	0.00, 0.34, 0.13, 0.00
HSL	323°, 100%, 83%
HSV	323°, 34%, 100%
XYZ	68.6024, 54.9099, 76.0874
YIQ	200.7560, 34.2430, 34.7150

Conversions

Conversions Part 2

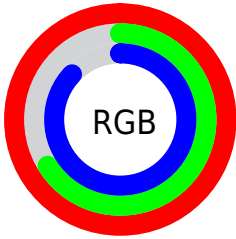
Format	Color
R _Y B	255, 169, 222
Decimal	16755166
CIE Lab	78.99, 39.07, -13.70
CIE LCh	79, 41.405, 340.671
Yxy	54.9099, 0.3437, 0.2751
Android (android.graphics.Color)	4294945246 (0xFFFFA9DE)
YUV	200.7560, 10.4733, 47.5720
Hunter-Lab	74.1012, 35.5771, -9.0084

Details

The Yxy color **54.9099, 0.3437, 0.2751** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.1991, 0.2909, 0.3902**, and the grayscale version is **58.1695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **26.9218, 0.3511, 0.2616** is the 20% darker color. If you saturate the color by 10%, you get **45.8218, 0.3565, 0.2592**, and if you desaturate by 10%, it is **65.8831, 0.3326, 0.2915**.

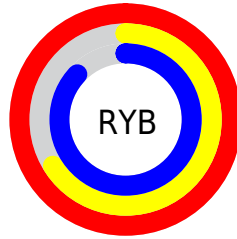
Distribution



Red (100%)

Green (66%)

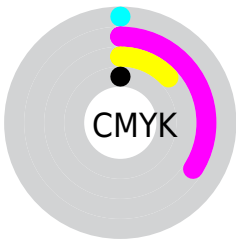
Blue (87%)



Red (100%)

Yellow (66%)

Blue (87%)

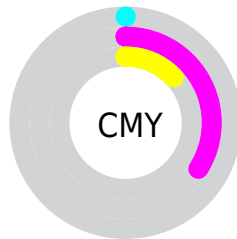


Cyan (0%)

Magenta (34%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9099, 0.3437, 0.2751 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 54.9099, 0.3437, 0.2751 by changing the saturation by 10% instead.


 54.9099, 0.3437,
0.2751

 54.9099, 0.3437,
0.2751


405.5703, 0.3292,
0.3001

 39.3296, 0.3470,
0.2694

 97.4089, 0.3387,
0.2838

 27.0162, 0.3512,
0.2624


125.0964, 0.3367,
0.2871

 17.5854, 0.3564,
0.2535


157.5885, 0.3350,
0.2900

 10.6527, 0.3633,
0.2419

195.2694, 0.3336,
0.2926

 5.8338, 0.3728,
0.2261

238.5237, 0.3323,
0.2948

 2.7443, 0.3864,
0.2037

287.7357, 0.3311,

 0.9997, 0.4078,

0.2968

0.1695

343.2897, 0.3301,
0.2985

■ 0.0000, 0.5033,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9099, 0.3437,
0.2751

■ 54.9099, 0.3437,
0.2751

■ 45.8218, 0.3565,
0.2592

■ 65.8831, 0.3326,
0.2915

■ 38.5027, 0.3711,
0.2446

■ 78.8336, 0.3232,
0.3078

■ 32.8356, 0.3872,
0.2325

■ 93.8564, 0.3153,
0.3234

■ 28.6859, 0.4045,
0.2241

99.9933, 0.3127,
0.3290

■ 25.8977, 0.4222,
0.2205

■ 24.2808, 0.4397,
0.2222

■ 23.6930, 0.4504,
0.2255

Harmonies

Analogous

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



54.9099, 0.2882, 0.2504



54.9099, 0.3437, 0.2751



54.9099, 0.3939, 0.3119

Triad

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



54.9099, 0.3437, 0.2751



54.9099, 0.3805, 0.4237



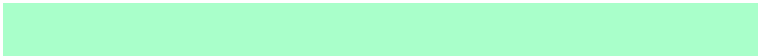
54.9099, 0.2157, 0.2883

Complementary

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



54.9099, 0.3437, 0.2751



84.1991, 0.2909, 0.3902

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.



54.9099, 0.2359, 0.3397



54.9099, 0.3437, 0.2751



54.9099, 0.3297, 0.4256

Square

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



54.9099, 0.3437, 0.2751



54.9099, 0.4147, 0.3953



54.9099, 0.2768, 0.3935



54.9099, 0.2185, 0.2546

Rectangle

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



54.9099, 0.3437, 0.2751



54.9099, 0.4152, 0.3401



54.9099, 0.2768, 0.3935



54.9099, 0.2199, 0.3039

Sweetspot

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



54.9124, 0.3437, 0.2751



84.1816, 0.3201, 0.3137



48.1553, 0.2752, 0.2342



17.5790, 0.3213, 0.3115



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.



54.9124, 0.3437, 0.2751



48.9937, 0.3516, 0.2650



52.8954, 0.3829, 0.3187



18.1753, 0.3197, 0.3145



12.4141, 0.4477, 0.2240



1.2301, 0.4293, 0.2139

Inverse Universe

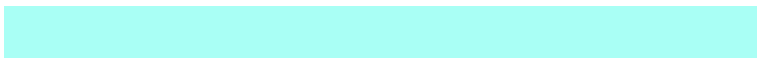
The Inverse Universe completely reimagines the original color for something new.



54.9124, 0.3437, 0.2751



48.9937, 0.3516, 0.2650



86.5240, 0.2695, 0.3399



18.1753, 0.3197, 0.3145



12.4141, 0.4477, 0.2240



1.2301, 0.4293, 0.2139

Previews

White Background



This preview shows how the Yxy color 54.9099, 0.3437, 0.2751 looks on a white background.

Color Contrast Check

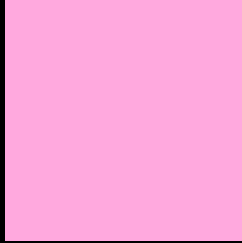
Large Text (above 18pt) WCAG AA × Fail

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 54.9099, 0.3437, 0.2751 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 54.9099, 0.3437, 0.2751

Background



This preview shows how black text looks on a background with the Yxy color 54.9099, 0.3437, 0.2751.



This preview shows how white text looks on a background with the Yxy color 54.9099, 0.3437, 0.2751.

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

54.9099, 0.3437, 0.2751

Protanopia

55.2547, 0.2759, 0.2766

Deuteranopia

55.3027, 0.3039, 0.2977



Tritanopia

54.8433, 0.3685, 0.3143

Trichromacy



Original Color

54.9099, 0.3437, 0.2751



Protanomaly

54.4300, 0.2978, 0.2751



Deuteranomaly

54.6694, 0.3179, 0.2889



Tritanomaly

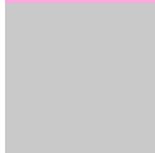
54.7996, 0.3590, 0.2998

Monochromacy



Original Color

54.9099, 0.3437, 0.2751



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.3708, 0.3236, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9099, 0.3437, 0.2751 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, 169, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 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, 169, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 222) }
```

Border

The CSS property to change the border of an element to Yxy 54.9099, 0.3437, 0.2751 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, 169, 222) }
```

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

```
.border{ border-color:rgb(255, 169, 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, 169, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 169, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 169, 222); box-shadow:4px 4px 4px 4px rgb(255, 169, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9099, 0.3437, 0.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 222) }
```

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

```
.background{ background-color: rgb(255,  
169, 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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