

Converting Colors

$Y_{xy}(54.7723, 0.3283, 0.2545)$

Have a look what the booklet for
Yxy(54.7723, 0.3283, 0.2545)
contains.

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Color

Yxy(54.8833, 0.3280, 0.2544)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA6F1 |
| RGB | 255, 166, 241 |
| RGB Percent | 100%, 65%, 95% |
| CMY | 0.0000, 0.3491, 0.0549 |
| CMYK | 0.00, 0.35, 0.05, 0.00 |
| HSL | 309°, 100%, 83% |
| HSV | 309°, 35%, 100% |
| XYZ | 70.7615, 54.8833, 90.0915 |
| YIQ | 201.1610, 28.9690, 42.1930 |

Conversions

Conversions Part 2

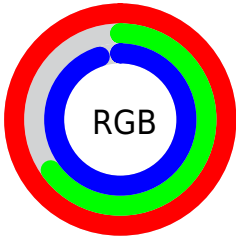
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 166, 241 |
| Decimal | 16754417 |
| CIE _{Lab} | 78.97, 43.79, -24.01 |
| CIE _{LCh} | 79, 49.945, 331.264 |
| Yxy | 54.8833, 0.3280, 0.2544 |
| Android (android.graphics.Color) | 4294944497 (0xFFFFA6F1) |
| YUV | 201.1610, 19.6406, 47.2168 |
| Hunter-Lab | 74.0833, 40.8506, -20.2433 |

Details

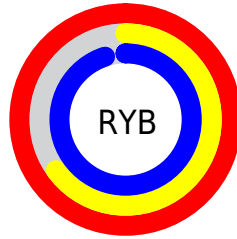
The Yxy color **54.8833, 0.3280, 0.2544** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **82.9205, 0.3006, 0.4174**, and the grayscale version is **58.3727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7226, 0.3142, 0.2970**, and **26.9614, 0.3306, 0.2372** is the 20% darker color. If you saturate the color by 10%, you get **46.2747, 0.3335, 0.2339**, and if you desaturate by 10%, it is **65.3299, 0.3229, 0.2759**.

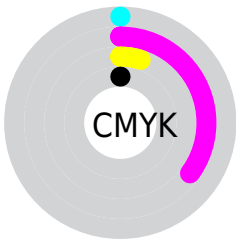
Distribution



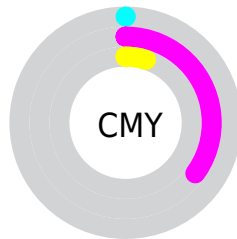
- Red (100%)
- Green (65%)
- Blue (95%)



- Red (100%)
- Yellow (65%)
- Blue (95%)



- Cyan (0%)
- Magenta (35%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8833, 0.3280, 0.2544 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 54.8833, 0.3280, 0.2544 by changing the saturation by 10% instead.


 54.8833, 0.3280,
0.2544


 54.8833, 0.3280,
0.2544


405.4694, 0.3216,
0.2882

 39.3083, 0.3293,
0.2469


 97.3700, 0.3259,
0.2660

 26.9996, 0.3308,
0.2377


 125.0504, 0.3251,
0.2705

 17.5730, 0.3326,
0.2263


157.5348, 0.3243,
0.2745

 10.6438, 0.3346,
0.2117

195.2075, 0.3237,
0.2779

 5.8279, 0.3369,
0.1924

238.4529, 0.3231,
0.2809

 2.7407, 0.3394,
0.1661

287.6554, 0.3225,

 0.9979, 0.3410,

0.2836

0.1288

343.1995, 0.3220,
0.2860

0.0000, 0.3647,
0.0000

0.0000, 0.0000,
0.0000

54.8833, 0.3280,
0.2544

54.8833, 0.3280,
0.2544

46.2747, 0.3335,
0.2339

65.3299, 0.3229,
0.2759

39.4024, 0.3394,
0.2154

77.7223, 0.3184,
0.2976

34.1433, 0.3455,
0.2000

92.1510, 0.3145,
0.3189

30.3610, 0.3517,
0.1884

100.0000, 0.3127,
0.3290

■ 27.8969, 0.3577,
0.1814

■ 26.5556, 0.3633,
0.1790

■ 26.1624, 0.3661,
0.1790

Harmonies

Analogous

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



54.8833, 0.2642, 0.2312



54.8833, 0.3280, 0.2544



54.8833, 0.3937, 0.2933

Triad

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



54.8833, 0.3280, 0.2544



54.8833, 0.4084, 0.4332



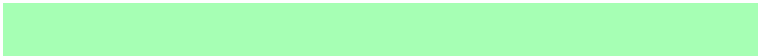
54.8833, 0.2024, 0.2963

Complementary

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



54.8833, 0.3280, 0.2544



82.9205, 0.3006, 0.4174

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.



54.8833, 0.2336, 0.3631



54.8833, 0.3280, 0.2544



54.8833, 0.3517, 0.4502

Square

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



54.8833, 0.3280, 0.2544



54.8833, 0.4412, 0.3913



54.8833, 0.2876, 0.4249



54.8833, 0.1977, 0.2494

Rectangle

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



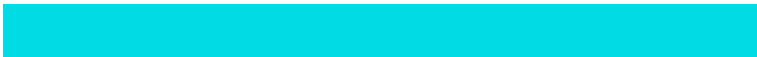
54.8833, 0.3280, 0.2544



54.8833, 0.4264, 0.3248



54.8833, 0.2876, 0.4249



54.8833, 0.2099, 0.3171

Sweetspot

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



54.8808, 0.3280, 0.2544



84.5403, 0.3164, 0.3081



44.1138, 0.2583, 0.2263



17.6662, 0.3170, 0.3051



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.



54.8808, 0.3280, 0.2544



48.5914, 0.3319, 0.2397



52.5670, 0.3667, 0.2967



18.2484, 0.3162, 0.3092



13.6889, 0.3652, 0.1786



1.3454, 0.3593, 0.1753

Inverse Universe

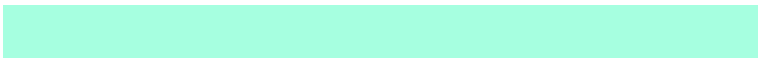
The Inverse Universe completely reimagines the original color for something new.



54.8808, 0.3280, 0.2544



48.5914, 0.3319, 0.2397



84.9995, 0.2782, 0.3643



18.2484, 0.3162, 0.3092



13.6889, 0.3652, 0.1786



1.3454, 0.3593, 0.1753

Previews

White Background



This preview shows how the Yxy color 54.8833, 0.3280, 0.2544 looks on a white background.

Color Contrast Check

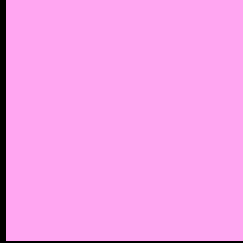
Large Text (above 18pt) WCAG AA × Fail

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 54.8833, 0.3280, 0.2544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

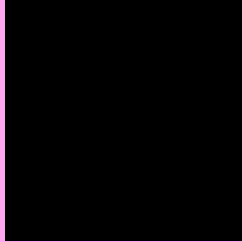
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8833, 0.3280, 0.2544

Background



This preview shows how black text looks on a background with the Yxy color 54.8833, 0.3280, 0.2544.



This preview shows how white text looks on a background with the Yxy color 54.8833, 0.3280, 0.2544.

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

54.8833, 0.3280, 0.2544

Protanopia

55.3873, 0.2618, 0.2592

Deuteranopia

55.3575, 0.2840, 0.2783



Tritanopia

54.9081, 0.3656, 0.3142

Trichromacy



Original Color

54.8833, 0.3280, 0.2544



Protanomaly

54.4485, 0.2831, 0.2564



Deuteranomaly

54.7917, 0.2989, 0.2686



Tritanomaly

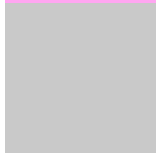
54.6177, 0.3512, 0.2904

Monochromacy



Original Color

54.8833, 0.3280, 0.2544



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.2965, 0.3182, 0.2976

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8833, 0.3280, 0.2544 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 241) }
```

Border

The CSS property to change the border of an element to Yxy 54.8833, 0.3280, 0.2544 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, 241) }
```

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

```
.border{ border-color:rgb(255, 166, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8833, 0.3280, 0.2544 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, 241) }
```

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

```
.background{ background-color: rgb(255,  
166, 241) }
```

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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