

Converting Colors

Yxy(54.4081, 0.3275, 0.2597)

Have a look what the booklet for
Yxy(54.4081, 0.3275, 0.2597)
contains.

Yxy(54.3854, 0.3278, 0.2600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.3854, 0.3278, 0.2600)

Conversions

Conversions Part 1

Format	Color
Hex	FAA8EC
RGB	250, 168, 236
RGB Percent	98%, 66%, 93%
CMY	0.0196, 0.3412, 0.0746
CMYK	0.00, 0.33, 0.06, 0.02
HSL	310°, 89%, 82%
HSV	310°, 33%, 98%
XYZ	68.5674, 54.3854, 86.2218
YIQ	200.2700, 27.0440, 38.5320

Conversions

Conversions Part 2

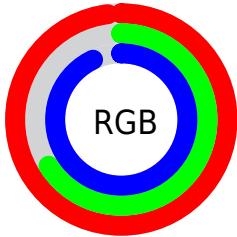
Format	Color
R _Y B	250, 168, 236
Decimal	16427244
CIE _{Lab}	78.69, 40.30, -21.78
CIE _{LCh}	79, 45.812, 331.611
Yxy	54.3854, 0.3278, 0.2600
Android (android.graphics.Color)	4294617324 (0xFFFAA8EC)
YUV	200.2700, 17.6149, 43.6132
Hunter-Lab	73.7465, 36.9081, -17.6973

Details

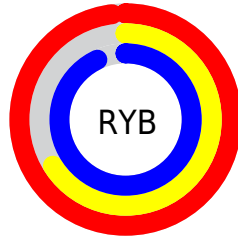
The Yxy color **54.3854, 0.3278, 0.2600** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80.0833, 0.3007, 0.4096**, and the grayscale version is **57.8122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7913, 0.3141, 0.2989**, and **26.5364, 0.3304, 0.2436** is the 20% darker color. If you saturate the color by 10%, you get **45.7811, 0.3336, 0.2395**, and if you desaturate by 10%, it is **64.7751, 0.3225, 0.2813**.

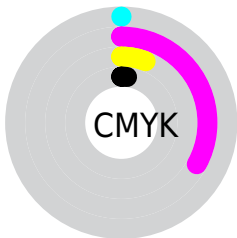
Distribution



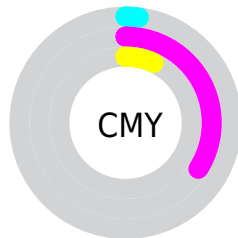
- Red (98%)
- Green (66%)
- Blue (93%)



- Red (98%)
- Yellow (66%)
- Blue (93%)



- Cyan (0%)
- Magenta (33%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (34%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3854, 0.3278, 0.2600 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 54.3854, 0.3278, 0.2600 by changing the saturation by 10% instead.


 54.3854, 0.3278,
0.2600


 54.3854, 0.3278,
0.2600


403.5780, 0.3213,
0.2915

 38.9099, 0.3291,
0.2529


 96.6399, 0.3257,
0.2708

 26.6896, 0.3307,
0.2443


 124.1876, 0.3248,
0.2751

 17.3403, 0.3326,
0.2334


156.5282, 0.3241,
0.2788

 10.4774, 0.3349,
0.2194

194.0461, 0.3234,
0.2820

 5.7166, 0.3376,
0.2009

237.1256, 0.3228,
0.2848

 2.6735, 0.3407,
0.1751

286.1511, 0.3223,

 0.9638, 0.3435,

0.2873

0.1379

341.5071, 0.3218,
0.2895

0.0000, 0.3729,
0.0000

0.0000, 0.0000,
0.0000

54.3854, 0.3278,
0.2600

54.3854, 0.3278,
0.2600

45.7811, 0.3336,
0.2395

64.7751, 0.3225,
0.2813

38.8527, 0.3399,
0.2207

77.0367, 0.3178,
0.3026

33.4903, 0.3465,
0.2048

91.2601, 0.3138,
0.3234

29.5676, 0.3533,
0.1925

98.9441, 0.3107,
0.3308

■ 26.9387, 0.3599,
0.1847

■ 99.0663, 0.3096,
0.3290

■ 25.4270, 0.3662,
0.1815

■ 24.8422, 0.3706,
0.1815

Harmonies

Analogous

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



54.3854, 0.2687, 0.2381



54.3854, 0.3278, 0.2600



54.3854, 0.3879, 0.2967

Triad

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



54.3854, 0.3278, 0.2600



54.3854, 0.4011, 0.4261



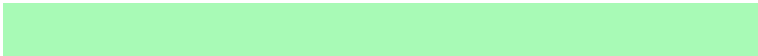
54.3854, 0.2101, 0.2988

Complementary

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



54.3854, 0.3278, 0.2600



80.0833, 0.3007, 0.4096

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.



54.3854, 0.2392, 0.3597



54.3854, 0.3278, 0.2600



54.3854, 0.3487, 0.4401

Square

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



54.3854, 0.3278, 0.2600



54.3854, 0.4313, 0.3882



54.3854, 0.2894, 0.4159



54.3854, 0.2058, 0.2553

Rectangle

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



54.3854, 0.3278, 0.2600



54.3854, 0.4177, 0.3263



54.3854, 0.2894, 0.4159



54.3854, 0.2171, 0.3179

Sweetspot

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



54.3878, 0.3278, 0.2600



84.5178, 0.3166, 0.3085



44.8149, 0.2633, 0.2337



17.6607, 0.3172, 0.3055



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.



54.3878, 0.3278, 0.2600



51.0580, 0.3314, 0.2471



52.2886, 0.3635, 0.3002



17.4706, 0.3164, 0.3096



13.1945, 0.3696, 0.1810



1.2351, 0.3628, 0.1772

Inverse Universe

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



54.3878, 0.3278, 0.2600



51.0580, 0.3314, 0.2471



82.0146, 0.2794, 0.3602



17.4706, 0.3164, 0.3096



13.1945, 0.3696, 0.1810



1.2351, 0.3628, 0.1772

Previews

White Background



This preview shows how the Yxy color 54.3854, 0.3278, 0.2600 looks on a white background.

Color Contrast Check

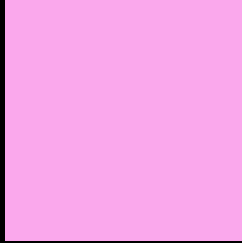
Large Text (above 18pt) WCAG AA × Fail

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 54.3854, 0.3278, 0.2600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

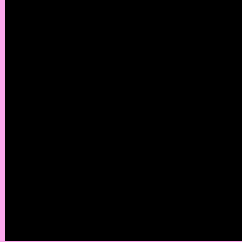
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3854, 0.3278, 0.2600

Background



This preview shows how black text looks on a background with the Yxy color 54.3854, 0.3278, 0.2600.

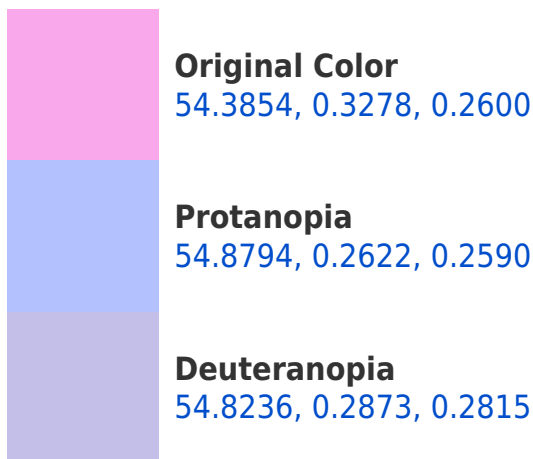


This preview shows how white text looks on a background with the Yxy color 54.3854, 0.3278, 0.2600.

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





Tritanopia

54.3951, 0.3610, 0.3151

Trichromacy



Original Color

54.3854, 0.3278, 0.2600



Protanomaly

53.9755, 0.2836, 0.2590



Deuteranomaly

54.3491, 0.3017, 0.2735



Tritanomaly

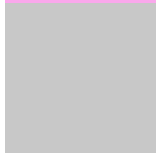
54.3699, 0.3483, 0.2940

Monochromacy



Original Color

54.3854, 0.3278, 0.2600



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

55.6760, 0.3181, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3854, 0.3278, 0.2600 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(250, 168, 236)` looks like.

```
.text, #text, p{  
    color:rgb(250, 168, 236)  
}
```

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(250, 168, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 168, 236) }
```

Border

The CSS property to change the border of an element to Yxy 54.3854, 0.3278, 0.2600 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(250, 168, 236) }
```

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

```
.border{ border-color:rgb(250, 168, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 168, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 168, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 168, 236);  
box-shadow:4px 4px 4px 4px rgb(250, 168,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3854, 0.3278, 0.2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 168, 236) }
```

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

```
.background{ background-color: rgb(250,  
168, 236) }
```

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