

Converting Colors

$Y_{xy}(55.6095, 0.2853, 0.2131)$

Have a look what the booklet for
Yxy(55.6095, 0.2853, 0.2131)
contains.

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Color

Yxy(53.3634, 0.3079, 0.2388)

Conversions

Conversions Part 1

Format	Color
Hex	F4A5FF
RGB	244, 165, 255
RGB Percent	96%, 65%, 100%
CMY	0.0433, 0.3529, 0.0000
CMYK	0.04, 0.35, 0.00, 0.00
HSL	293°, 100%, 82%
HSV	293°, 35%, 100%
XYZ	68.8048, 53.3634, 101.2966
YIQ	198.8810, 18.1940, 44.7380

Conversions

Conversions Part 2

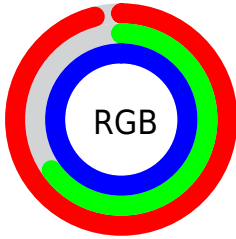
Format	Color
R_{YB}	244, 165, 255
Decimal	16033279
CIE _{Lab}	78.09, 43.39, -33.02
CIE _{LCh}	78, 54.527, 322.730
Yxy	53.3634, 0.3079, 0.2388
Android (android.graphics.Color)	4294223359 (0xFFFF4A5FF)
YUV	198.8810, 27.6667, 39.5694
Hunter-Lab	73.0503, 40.2882, -31.0805

Details

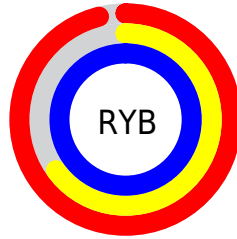
The Yxy color **53.3634, 0.3079, 0.2388** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83.4750, 0.3142, 0.4337**, and the grayscale version is **56.8564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1929, 0.3143, 0.2960**, and **26.1047, 0.3048, 0.2196** is the 20% darker color. If you saturate the color by 10%, you get **44.5081, 0.3058, 0.2141**, and if you desaturate by 10%, it is **64.0642, 0.3097, 0.2647**.

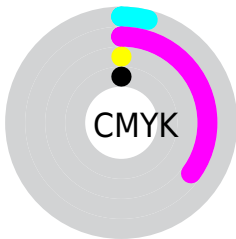
Distribution



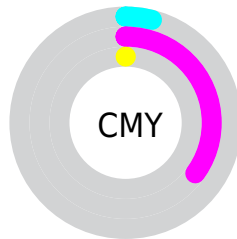
- Red (96%)
- Green (65%)
- Blue (100%)



- Red (96%)
- Yellow (65%)
- Blue (100%)



- Cyan (4%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3634, 0.3079, 0.2388 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 53.3634, 0.3079, 0.2388 by changing the saturation by 10% instead.


 53.3634, 0.3079,
0.2388

 53.3634, 0.3079,
0.2388

399.6778, 0.3114,
0.2793

 38.0929, 0.3068,
0.2299


 95.1389, 0.3094,
0.2526

 26.0548, 0.3053,
0.2191


 122.4127, 0.3099,
0.2580

 16.8647, 0.3031,
0.2058

154.4565, 0.3103,
0.2627

 10.1381, 0.2999,
0.1891

191.6545, 0.3106,
0.2669

 5.4906, 0.2948,
0.1674

234.3913, 0.3109,
0.2705

 2.5379, 0.2864,
0.1386

283.0512, 0.3111,

 0.8955, 0.2708,

0.2738

0.0999

338.0185, 0.3113,
0.2767

0.0000, 0.2509,
0.0000

0.0000, 0.0000,
0.0000

53.3634, 0.3079,
0.2388

53.3634, 0.3079,
0.2388

44.5081, 0.3058,
0.2141

64.0642, 0.3097,
0.2647

37.3854, 0.3032,
0.1914

76.7078, 0.3111,
0.2907

31.8752, 0.3004,
0.1719

91.3885, 0.3123,
0.3160

27.8405, 0.2974,
0.1564

100.0000, 0.3127,
0.3290

■ 25.1215, 0.2942,
0.1454

■ 23.5210, 0.2910,
0.1389

■ 23.0212, 0.2895,
0.1369

Harmonies

Analogous

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



53.3634, 0.2429, 0.2196



53.3634, 0.3079, 0.2388



53.3634, 0.3825, 0.2764

Triad

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



53.3634, 0.3079, 0.2388



53.3634, 0.4305, 0.4306



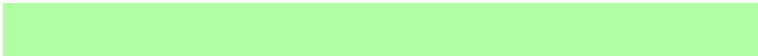
53.3634, 0.1991, 0.3116

Complementary

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



53.3634, 0.3079, 0.2388



83.4750, 0.3142, 0.4337

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.



53.3634, 0.2403, 0.3884



53.3634, 0.3079, 0.2388



53.3634, 0.3736, 0.4613

Square

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



53.3634, 0.3079, 0.2388



53.3634, 0.4571, 0.3802



53.3634, 0.3039, 0.4490



53.3634, 0.1863, 0.2529

Rectangle

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



53.3634, 0.3079, 0.2388



53.3634, 0.4246, 0.3086



53.3634, 0.3039, 0.4490



53.3634, 0.2097, 0.3364

Sweetspot

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



53.3645, 0.3079, 0.2388



82.7439, 0.3117, 0.3016



46.6740, 0.2503, 0.2369



17.2930, 0.3115, 0.2982



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.



53.3645, 0.3079, 0.2388



47.2207, 0.3065, 0.2220



53.4530, 0.3443, 0.2711



18.1806, 0.3118, 0.3054



12.0737, 0.2901, 0.1372



1.2060, 0.2938, 0.1392

Inverse Universe

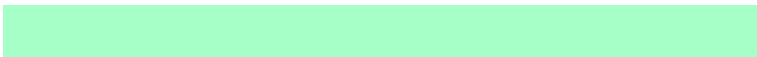
The Inverse Universe completely reimagines the original color for something new.



51.3157, 0.3871, 0.3176



44.9831, 0.4085, 0.3155



83.5997, 0.2908, 0.3954



18.0233, 0.3275, 0.3261



11.1726, 0.6251, 0.3217



1.0988, 0.6008, 0.3083

Previews

White Background



This preview shows how the Yxy color 53.3634, 0.3079, 0.2388 looks on a white background.

Color Contrast Check

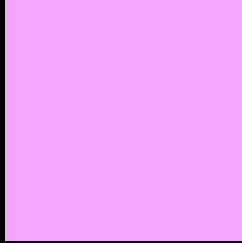
Large Text (above 18pt) WCAG AA × Fail

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 53.3634, 0.3079, 0.2388 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 53.3634, 0.3079, 0.2388

Background



This preview shows how black text looks on a background with the Yxy color 53.3634, 0.3079, 0.2388.



This preview shows how white text looks on a background with the Yxy color 53.3634, 0.3079, 0.2388.

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

53.3634, 0.3079, 0.2388

Protanopia

53.5956, 0.2588, 0.2552

Deuteranopia

53.6741, 0.2661, 0.2599



Tritanopia

53.3087, 0.3511, 0.3135

Trichromacy



Original Color

53.3634, 0.3079, 0.2388



Protanomaly

52.9553, 0.2747, 0.2483



Deuteranomaly

53.0552, 0.2802, 0.2508

Tritanomaly

52.9706, 0.3347, 0.2838

Monochromacy



Original Color

53.3634, 0.3079, 0.2388



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.1022, 0.3112, 0.2927

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3634, 0.3079, 0.2388 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(244, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 165, 255)  
}
```

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(244, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 165, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.3634, 0.3079, 0.2388 is called "border". The border property can be set on classes, ids or directly on the HTML element.

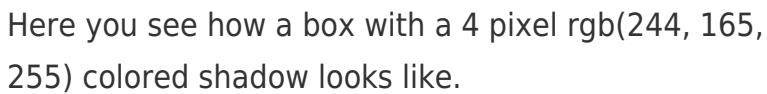
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(244, 165, 255) }
```

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

```
.border{ border-color:rgb(244, 165, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(244, 165, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 165, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 165, 255); box-shadow:4px 4px 4px 4px rgb(244, 165, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3634, 0.3079, 0.2388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 165, 255) }
```

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

```
.background{ background-color: rgb(244,  
165, 255) }
```

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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