

Converting Colors

Yxy(52.1311, 0.3167, 0.2448)

Have a look what the booklet for
Yxy(52.1311, 0.3167, 0.2448)
contains.

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Color

Yxy(52.0873, 0.3167, 0.2442)

Conversions

Conversions Part 1

Format	Color
Hex	F6A2F6
RGB	246, 162, 246
RGB Percent	96%, 64%, 96%
CMY	0.0354, 0.3646, 0.0354
CMYK	0.00, 0.34, 0.00, 0.04
HSL	300°, 82%, 80%
HSV	300°, 34%, 96%
XYZ	67.5514, 52.0873, 93.6590
YIQ	196.6920, 23.1000, 43.9320

Conversions

Conversions Part 2

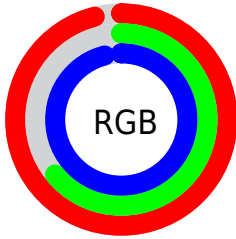
Format	Color
R _Y B	246, 162, 246
Decimal	16163574
CIE Lab	77.33, 43.91, -29.29
CIE LCh	77, 52.780, 326.296
Yxy	52.0873, 0.3167, 0.2442
Android (android.graphics.Color)	4294353654 (0xFFF6A2F6)
YUV	196.6920, 24.3088, 43.2431
Hunter-Lab	72.1715, 40.7729, -26.4222

Details

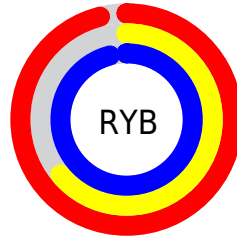
The Yxy color **52.0873, 0.3167, 0.2442** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **76.1919, 0.3079, 0.4314**, and the grayscale version is **55.4814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **25.3028, 0.3164, 0.2262** is the 20% darker color. If you saturate the color by 10%, you get **44.2532, 0.3178, 0.2210**, and if you desaturate by 10%, it is **61.6209, 0.3155, 0.2689**.

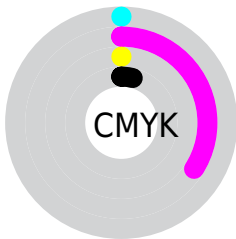
Distribution



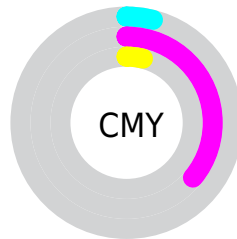
- Red (96%)
- Green (64%)
- Blue (96%)



- Red (96%)
- Yellow (64%)
- Blue (96%)



- Cyan (0%)
- Magenta (34%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (36%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0873, 0.3167, 0.2442 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 52.0873, 0.3167, 0.2442 by changing the saturation by 10% instead.


 52.0873, 0.3167,
0.2442


 52.0873, 0.3167,
0.2442


394.7735, 0.3159,
0.2826

 37.0747, 0.3166,
0.2357


 93.2600, 0.3166,
0.2573

 25.2653, 0.3164,
0.2253


 120.1888, 0.3166,
0.2625

 16.2748, 0.3158,
0.2124


151.8585, 0.3165,
0.2670

 9.7188, 0.3148,
0.1960

188.6534, 0.3164,
0.2709

 5.2129, 0.3126,
0.1746

230.9580, 0.3163,
0.2743

 2.3727, 0.3083,
0.1457

279.1566, 0.3161,

 0.8118, 0.2987,

0.2774

0.1057

333.6337, 0.3160,
0.2802

0.0000, 0.2892,
0.0000

0.0000, 0.0000,
0.0000

52.0873, 0.3167,
0.2442

52.0873, 0.3167,
0.2442

44.2532, 0.3178,
0.2210

61.6209, 0.3155,
0.2689

38.0124, 0.3188,
0.2002

72.9383, 0.3144,
0.2940


33.2578, 0.3196,
0.1828

86.1264, 0.3132,
0.3189


29.8659, 0.3202,
0.1694


97.7615, 0.3123,
0.3378


 27.6937, 0.3206,
0.1604


 97.7617, 0.3123,
0.3378


 26.5663, 0.3209,
0.1556

 97.7618, 0.3123,
0.3378

 26.2403, 0.3209,
0.1542

 97.7619, 0.3123,
0.3378

 97.7620, 0.3123,
0.3378

 97.7621, 0.3123,
0.3378

Harmonies

Analogous

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



52.0873, 0.2510, 0.2229



52.0873, 0.3167, 0.2442



52.0873, 0.3890, 0.2829

Triad

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



52.0873, 0.3167, 0.2442



52.0873, 0.4227, 0.4336



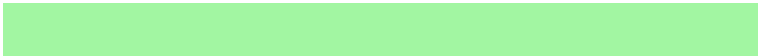
52.0873, 0.1986, 0.3041

Complementary

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



52.0873, 0.3167, 0.2442



76.1919, 0.3079, 0.4314

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.



52.0873, 0.2359, 0.3781



52.0873, 0.3167, 0.2442



52.0873, 0.3648, 0.4593

Square

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



52.0873, 0.3167, 0.2442



52.0873, 0.4527, 0.3858



52.0873, 0.2963, 0.4409



52.0873, 0.1893, 0.2498

Rectangle

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



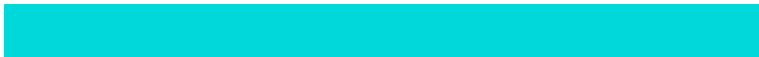
52.0873, 0.3167, 0.2442



52.0873, 0.4277, 0.3153



52.0873, 0.2963, 0.4409



52.0873, 0.2079, 0.3276

Sweetspot

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



52.0896, 0.3167, 0.2442



84.7956, 0.3139, 0.3044



40.1848, 0.2509, 0.2267



17.7284, 0.3140, 0.3008



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.



52.0896, 0.3167, 0.2442



50.4361, 0.3175, 0.2279



49.7971, 0.3531, 0.2844



16.7683, 0.3138, 0.3057



14.0088, 0.3209, 0.1542



1.2312, 0.3209, 0.1542

Inverse Universe

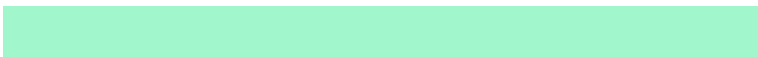
The Inverse Universe completely reimagines the original color for something new.



52.0896, 0.3167, 0.2442



50.4361, 0.3175, 0.2279



77.9419, 0.2855, 0.3788



16.7683, 0.3138, 0.3057



14.0088, 0.3209, 0.1542



1.2312, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 52.0873, 0.3167, 0.2442 looks on a white background.

Color Contrast Check

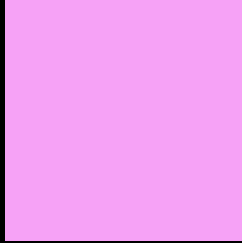
Large Text (above 18pt) WCAG AA × Fail

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 52.0873, 0.3167, 0.2442 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 52.0873, 0.3167, 0.2442

Background



This preview shows how black text looks on a background with the Yxy color 52.0873, 0.3167, 0.2442.



This preview shows how white text looks on a background with the Yxy color 52.0873, 0.3167, 0.2442.

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

52.0873, 0.3167, 0.2442

Protanopia

52.3858, 0.2566, 0.2524

Deuteranopia

52.5077, 0.2727, 0.2670



Tritanopia

52.0371, 0.3591, 0.3147

Trichromacy



Original Color

52.0873, 0.3167, 0.2442



Protanomaly

51.4106, 0.2757, 0.2476



Deuteranomaly

51.9767, 0.2876, 0.2576



Tritanomaly

52.0043, 0.3437, 0.2881

Monochromacy



Original Color

52.0873, 0.3167, 0.2442



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

53.6343, 0.3144, 0.2936

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0873, 0.3167, 0.2442 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(246, 162, 246)` looks like.

```
.text, #text, p{  
    color:rgb(246, 162, 246)  
}
```

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(246, 162, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 162, 246) }
```

Border

The CSS property to change the border of an element to Yxy 52.0873, 0.3167, 0.2442 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(246, 162, 246) }
```

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

```
.border{ border-color:rgb(246, 162, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 162, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 162, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 162, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 162,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0873, 0.3167, 0.2442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 162, 246) }
```

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

```
.background{ background-color: rgb(246,  
162, 246) }
```

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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