

Converting Colors

Yxy(52.9160, 0.3097, 0.2371)

Have a look what the booklet for
Yxy(52.9160, 0.3097, 0.2371)
contains.

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Color

Yxy(53.0072, 0.3096, 0.2373)

Conversions

Conversions Part 1

Format	Color
Hex	F6A3FF
RGB	246, 163, 255
RGB Percent	96%, 64%, 100%
CMY	0.0353, 0.3608, 0.0000
CMYK	0.04, 0.36, 0.00, 0.00
HSL	294°, 100%, 82%
HSV	294°, 36%, 100%
XYZ	69.1573, 53.0072, 101.2118
YIQ	198.3050, 19.9360, 46.2080

Conversions

Conversions Part 2

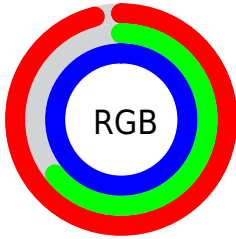
Format	Color
R _Y B	246, 163, 255
Decimal	16163839
CIE Lab	77.88, 45.06, -33.33
CIE LCh	78, 56.048, 323.514
Yxy	53.0072, 0.3096, 0.2373
Android (android.graphics.Color)	4294353919 (0xFF6A3FF)
YUV	198.3050, 27.9506, 41.8285
Hunter-Lab	72.8060, 42.1437, -31.4582

Details

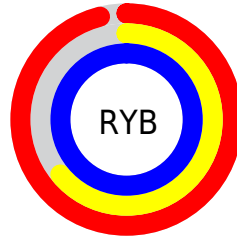
The Yxy color **53.0072, 0.3096, 0.2373** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **82.9340, 0.3128, 0.4369**, and the grayscale version is **56.4849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1430, 0.3144, 0.2940**, and **25.7059, 0.3070, 0.2168** is the 20% darker color. If you saturate the color by 10%, you get **44.3999, 0.3081, 0.2131**, and if you desaturate by 10%, it is **63.4479, 0.3108, 0.2629**.

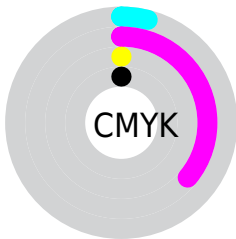
Distribution



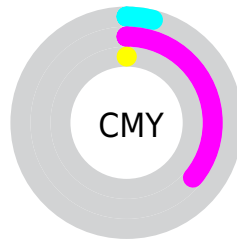
- Red (96%)
- Green (64%)
- Blue (100%)



- Red (96%)
- Yellow (64%)
- Blue (100%)



- Cyan (4%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0072, 0.3096, 0.2373 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 53.0072, 0.3096, 0.2373 by changing the saturation by 10% instead.


 53.0072, 0.3096,
0.2373


 53.0072, 0.3096,
0.2373

398.3127, 0.3124,
0.2784

 37.8085, 0.3086,
0.2283


 94.6150, 0.3108,
0.2513

 25.8341, 0.3073,
0.2174


 121.7928, 0.3112,
0.2568

 16.6996, 0.3054,
0.2039


153.7326, 0.3115,
0.2616

 10.0205, 0.3025,
0.1869

190.8185, 0.3118,
0.2658

 5.4126, 0.2978,
0.1650

233.4351, 0.3120,
0.2695

 2.4913, 0.2899,
0.1361

281.9668, 0.3122,

 0.8723, 0.2749,

0.2728

0.0973

336.7978, 0.3123,
0.2758

0.0000, 0.2556,
0.0000

0.0000, 0.0000,
0.0000

53.0072, 0.3096,
0.2373

53.0072, 0.3096,
0.2373

44.3999, 0.3081,
0.2131

63.4479, 0.3108,
0.2629

37.5127, 0.3063,
0.1911

75.8203, 0.3118,
0.2887

32.2245, 0.3042,
0.1724

90.2193, 0.3124,
0.3141

28.3966, 0.3019,
0.1578

100.0000, 0.3127,
0.3290

■ 25.8670, 0.2994,
0.1477

■ 24.4346, 0.2969,
0.1419

■ 24.0553, 0.2959,
0.1404

Harmonies

Analogous

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



53.0072, 0.2424, 0.2171



53.0072, 0.3096, 0.2373



53.0072, 0.3865, 0.2762

Triad

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



53.0072, 0.3096, 0.2373



53.0072, 0.4324, 0.4342



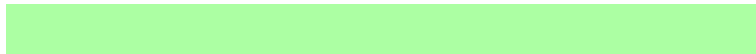
53.0072, 0.1953, 0.3089

Complementary

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



53.0072, 0.3096, 0.2373



82.9340, 0.3128, 0.4369

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.



53.0072, 0.2367, 0.3883



53.0072, 0.3096, 0.2373



53.0072, 0.3732, 0.4656

Square

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



53.0072, 0.3096, 0.2373



53.0072, 0.4610, 0.3825



53.0072, 0.3015, 0.4520



53.0072, 0.1832, 0.2494

Rectangle

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



53.0072, 0.3096, 0.2373



53.0072, 0.4294, 0.3092



53.0072, 0.3015, 0.4520



53.0072, 0.2059, 0.3343

Sweetspot

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



53.0081, 0.3096, 0.2373



82.8745, 0.3121, 0.3017



44.5872, 0.2481, 0.2308



17.3244, 0.3120, 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.



53.0081, 0.3096, 0.2373



46.8615, 0.3086, 0.2203



52.5264, 0.3479, 0.2727



18.2048, 0.3122, 0.3055



12.6063, 0.2964, 0.1406



1.2525, 0.2993, 0.1423

Inverse Universe

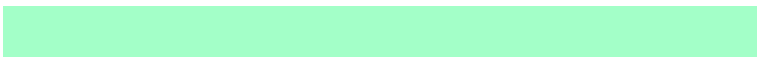
The Inverse Universe completely reimagines the original color for something new.



50.4322, 0.3917, 0.3198



44.0205, 0.4149, 0.3181



83.4672, 0.2888, 0.3935



18.0159, 0.3279, 0.3267



11.1548, 0.6292, 0.3240



1.0953, 0.6083, 0.3124

Previews

White Background



This preview shows how the Yxy color 53.0072, 0.3096, 0.2373 looks on a white background.

Color Contrast Check

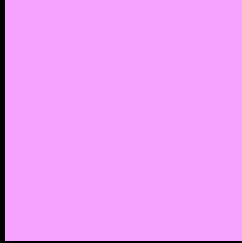
Large Text (above 18pt) WCAG AA × Fail

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 53.0072, 0.3096, 0.2373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

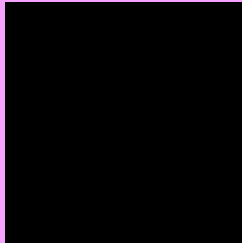
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0072, 0.3096, 0.2373

Background



This preview shows how black text looks on a background with the Yxy color 53.0072, 0.3096, 0.2373.



This preview shows how white text looks on a background with the Yxy color 53.0072, 0.3096, 0.2373.

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

53.0072, 0.3096, 0.2373

Protanopia

53.4803, 0.2582, 0.2550

Deuteranopia

53.5528, 0.2654, 0.2597



Tritanopia

52.7729, 0.3551, 0.3136

Trichromacy



Original Color

53.0072, 0.3096, 0.2373



Protanomaly

52.5471, 0.2746, 0.2471



Deuteranomaly

52.6499, 0.2801, 0.2497

Tritanomaly

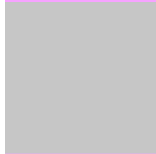
52.5061, 0.3375, 0.2829

Monochromacy



Original Color

53.0072, 0.3096, 0.2373



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.2595, 0.3113, 0.2904

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0072, 0.3096, 0.2373 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, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 163, 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(246, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 163, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.0072, 0.3096, 0.2373 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, 163, 255) }
```

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

```
.border{ border-color:rgb(246, 163, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 163, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 163,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0072, 0.3096, 0.2373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 163, 255) }
```

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

```
.background{ background-color: rgb(246,  
163, 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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