

Converting Colors

Yxy(53.5339, 0.3154, 0.2429)

Have a look what the booklet for
Yxy(53.5339, 0.3154, 0.2429)
contains.

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Color

Yxy(53.5928, 0.3159, 0.2433)

Conversions

Conversions Part 1

Format	Color
Hex	F9A4FA
RGB	249, 164, 250
RGB Percent	98%, 64%, 98%
CMY	0.0237, 0.3567, 0.0197
CMYK	0.00, 0.34, 0.00, 0.02
HSL	299°, 90%, 81%
HSV	299°, 34%, 98%
XYZ	69.5847, 53.5928, 97.0970
YIQ	199.2190, 23.0540, 44.7660

Conversions

Conversions Part 2

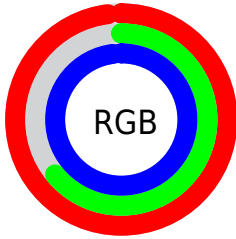
Format	Color
R _Y B	249, 164, 250
Decimal	16360698
CIE Lab	78.22, 44.50, -30.05
CIE LCh	78, 53.699, 325.969
Yxy	53.5928, 0.3159, 0.2433
Android (android.graphics.Color)	4294550778 (0xFFFF9A4FA)
YUV	199.2190, 25.0350, 43.6579
Hunter-Lab	73.2071, 41.5552, -27.3933

Details

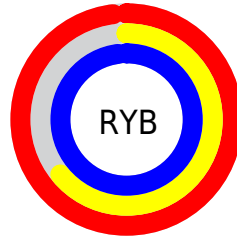
The Yxy color **53.5928, 0.3159, 0.2433** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **79.0396, 0.3085, 0.4322**, and the grayscale version is **57.0892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6664, 0.3143, 0.2950**, and **26.0785, 0.3154, 0.2242** is the 20% darker color. If you saturate the color by 10%, you get **45.4544, 0.3167, 0.2200**, and if you desaturate by 10%, it is **63.4943, 0.3150, 0.2681**.

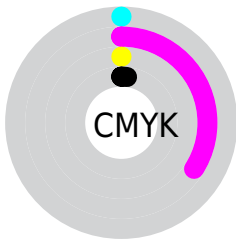
Distribution



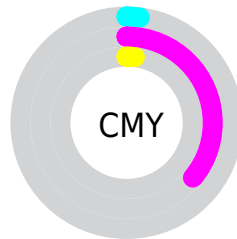
- Red (98%)
- Green (64%)
- Blue (98%)



- Red (98%)
- Yellow (64%)
- Blue (98%)



- Cyan (0%)
- Magenta (34%)
- Yellow (0%)
- Black (2%)




- Cyan (2%)
- Magenta (36%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5928, 0.3159, 0.2433 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 53.5928, 0.3159, 0.2433 by changing the saturation by 10% instead.


 53.5928, 0.3159,
0.2433


 53.5928, 0.3159,
0.2433


400.5553, 0.3155,
0.2819

 38.2762, 0.3157,
0.2348


 95.4761, 0.3160,
0.2564

 26.1971, 0.3153,
0.2245


 122.8116, 0.3160,
0.2616

 16.9712, 0.3147,
0.2117


154.9222, 0.3159,
0.2661

 10.2139, 0.3134,
0.1955

192.1923, 0.3159,
0.2701

 5.5410, 0.3111,
0.1744

235.0062, 0.3158,
0.2735

 2.5681, 0.3065,
0.1462

283.7485, 0.3157,

 0.9106, 0.2967,

0.2766

0.1076

338.8034, 0.3156,
0.2794

0.0000, 0.2893,
0.0000

0.0000, 0.0000,
0.0000

53.5928, 0.3159,
0.2433

53.5928, 0.3159,
0.2433

45.4544, 0.3167,
0.2200

63.4943, 0.3150,
0.2681

38.9686, 0.3173,
0.1991

75.2469, 0.3141,
0.2933

34.0235, 0.3178,
0.1815

88.9412, 0.3131,
0.3183

30.4903, 0.3181,
0.1680

98.7701, 0.3126,
0.3338

■ 28.2193, 0.3182,
0.1589

■ 98.8243, 0.3128,
0.3338

■ 27.0274, 0.3181,
0.1539

■ 98.8787, 0.3130,
0.3338

■ 26.6822, 0.3179,
0.1525

■ 98.9331, 0.3131,
0.3338

■ 98.9876, 0.3133,
0.3338

■ 99.0422, 0.3135,
0.3338

Harmonies

Analogous

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



53.5928, 0.2500, 0.2221



53.5928, 0.3159, 0.2433



53.5928, 0.3888, 0.2821

Triad

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



53.5928, 0.3159, 0.2433



53.5928, 0.4239, 0.4338



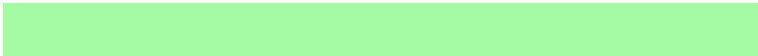
53.5928, 0.1980, 0.3045

Complementary

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



53.5928, 0.3159, 0.2433



79.0396, 0.3085, 0.4322

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.



53.5928, 0.2358, 0.3793



53.5928, 0.3159, 0.2433



53.5928, 0.3658, 0.4602

Square

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



53.5928, 0.3159, 0.2433



53.5928, 0.4539, 0.3855



53.5928, 0.2968, 0.4424



53.5928, 0.1884, 0.2496

Rectangle

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



53.5928, 0.3159, 0.2433



53.5928, 0.4281, 0.3146



53.5928, 0.2968, 0.4424



53.5928, 0.2075, 0.3283

Sweetspot

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



53.5952, 0.3159, 0.2433



84.7390, 0.3137, 0.3043



41.8731, 0.2505, 0.2275



17.7146, 0.3138, 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.



53.5952, 0.3159, 0.2433



50.2047, 0.3164, 0.2275



51.4559, 0.3522, 0.2826



17.5136, 0.3136, 0.3056



14.1612, 0.3180, 0.1525



1.3148, 0.3184, 0.1527

Inverse Universe

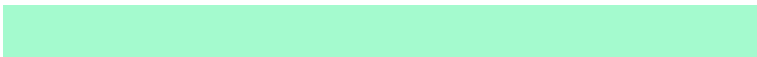
The Inverse Universe completely reimagines the original color for something new.



49.5984, 0.3936, 0.3282



45.4730, 0.4174, 0.3280



80.6858, 0.2861, 0.3810



17.2285, 0.3292, 0.3288



10.7853, 0.6389, 0.3293



1.0000, 0.6359, 0.3277

Previews

White Background



This preview shows how the Yxy color 53.5928, 0.3159, 0.2433 looks on a white background.

Color Contrast Check

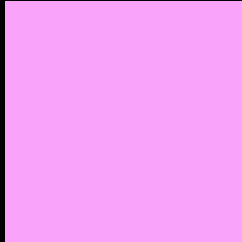
Large Text (above 18pt) WCAG AA × Fail

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 53.5928, 0.3159, 0.2433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

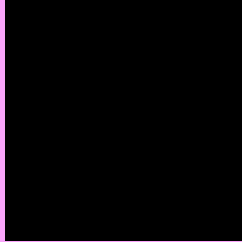
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5928, 0.3159, 0.2433

Background



This preview shows how black text looks on a background with the Yxy color 53.5928, 0.3159, 0.2433.



This preview shows how white text looks on a background with the Yxy color 53.5928, 0.3159, 0.2433.

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

53.5928, 0.3159, 0.2433

Protanopia

54.1494, 0.2596, 0.2565

Deuteranopia

53.8586, 0.2718, 0.2655



Tritanopia

53.4691, 0.3586, 0.3138

Trichromacy



Original Color

53.5928, 0.3159, 0.2433



Protanomaly

53.2443, 0.2782, 0.2507



Deuteranomaly

53.3185, 0.2865, 0.2563



Tritanomaly

53.4916, 0.3425, 0.2865

Monochromacy



Original Color

53.5928, 0.3159, 0.2433



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

54.9315, 0.3136, 0.2928

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5928, 0.3159, 0.2433 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(249, 164, 250)` looks like.

```
.text, #text, p{  
    color:rgb(249, 164, 250)  
}
```

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(249, 164, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 164, 250) }
```

Border

The CSS property to change the border of an element to Yxy 53.5928, 0.3159, 0.2433 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(249, 164, 250) }
```

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

```
.border{ border-color:rgb(249, 164, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 164, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 164, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 164, 250);  
box-shadow:4px 4px 4px 4px rgb(249, 164,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5928, 0.3159, 0.2433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 164, 250) }
```

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

```
.background{ background-color: rgb(249,  
164, 250) }
```

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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