

Converting Colors

$Yxy(43.6734, 0.3160, 0.2117)$

Have a look what the booklet for
Yxy(43.6734, 0.3160, 0.2117)
contains.

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Color

Yxy(43.5849, 0.3164, 0.2118)

Conversions

Conversions Part 1

Format	Color
Hex	FA83FC
RGB	250, 131, 252
RGB Percent	98%, 51%, 99%
CMY	0.0197, 0.4862, 0.0117
CMYK	0.01, 0.48, 0.00, 0.01
HSL	299°, 95%, 75%
HSV	299°, 48%, 99%
XYZ	65.1098, 43.5849, 97.0886
YIQ	180.3750, 32.0830, 62.8590

Conversions

Conversions Part 2

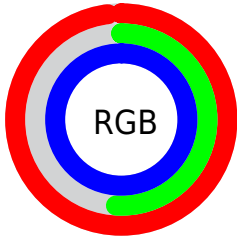
Format	Color
RYB	250, 131, 252
Decimal	16417788
CIELab	71.95, 61.67, -40.86
CIELCh	72, 73.978, 326.471
Yxy	43.5849, 0.3164, 0.2118
Android (android.graphics.Color)	4294607868 (0xFFFA83FC)
YUV	180.3750, 35.3111, 61.0611
Hunter-Lab	66.0189, 60.5092, -40.9798

Details

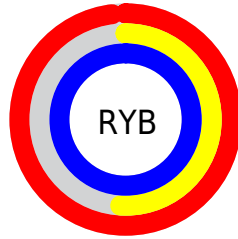
The Yxy color **43.5849, 0.3164, 0.2118** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **76.2590, 0.3066, 0.4812**, and the grayscale version is **45.6496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0206, 0.3158, 0.2624**, and **20.0487, 0.3146, 0.1863** is the 20% darker color. If you saturate the color by 10%, you get **37.5422, 0.3168, 0.1919**, and if you desaturate by 10%, it is **51.2777, 0.3158, 0.2345**.

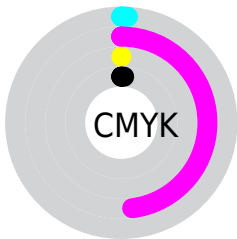
Distribution



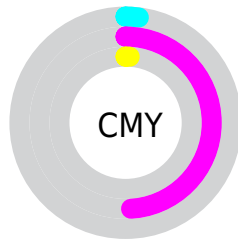
- Red (98%)
- Green (51%)
- Blue (99%)



- Red (98%)
- Yellow (51%)
- Blue (99%)



- Cyan (1%)
- Magenta (48%)
- Yellow (0%)
- Black (1%)





- Cyan (2%)
- Magenta (49%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5849, 0.3164, 0.2118 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 43.5849, 0.3164, 0.2118 by changing the saturation by 10% instead.


 43.5849, 0.3164,
0.2118

 43.5849, 0.3164,
0.2118


361.0117, 0.3168,
0.2643


 30.3443, 0.3158,
0.2004


 80.5928, 0.3170,
0.2296

 20.1001, 0.3147,
0.1866


 105.1288, 0.3171,
0.2366

 12.4678, 0.3129,
0.1698


 134.1988, 0.3171,
0.2428

 7.0631, 0.3099,
0.1490

168.1871, 0.3171,
0.2481

 3.5016, 0.3045,
0.1227

207.4782, 0.3171,
0.2529

 1.3989, 0.2944,
0.0896

252.4564, 0.3170,

 0.2159, 0.2800,

0.2571

0.0296

303.5061, 0.3169,
0.2609

■ 0.0000, 0.2294,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.5849, 0.3164,
0.2118

■ 43.5849, 0.3164,
0.2118

■ 37.5422, 0.3168,
0.1919

■ 51.2777, 0.3158,
0.2345

■ 33.0225, 0.3171,
0.1757

■ 60.7240, 0.3151,
0.2589

■ 29.8893, 0.3172,
0.1637

■ 72.0256, 0.3143,
0.2841

■ 27.9798, 0.3170,
0.1560

■ 85.2749, 0.3134,
0.3093

■ 27.0722, 0.3167,
0.1523

■ 99.2632, 0.3126,
0.3319

■ 26.9483, 0.3167,
0.1518

■ 99.3421, 0.3129,
0.3319

■ 99.4212, 0.3132,
0.3319

■ 99.5005, 0.3134,
0.3319

■ 99.5799, 0.3137,
0.3318

Harmonies

Analogous

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



43.5849, 0.2240, 0.1835



43.5849, 0.3164, 0.2118



43.5849, 0.4254, 0.2624

Triad

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



43.5849, 0.3164, 0.2118



43.5849, 0.4620, 0.4690



43.5849, 0.1527, 0.2858

Complementary

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



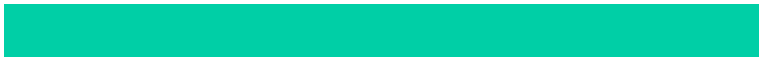
43.5849, 0.3164, 0.2118



76.2590, 0.3066, 0.4812

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.



43.5849, 0.1993, 0.4016



43.5849, 0.3164, 0.2118



43.5849, 0.3772, 0.5214

Square

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



43.5849, 0.3164, 0.2118



43.5849, 0.5128, 0.3969



43.5849, 0.2815, 0.5044



43.5849, 0.1435, 0.2125

Rectangle

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



43.5849, 0.3164, 0.2118



43.5849, 0.4838, 0.3042



43.5849, 0.2815, 0.5044



43.5849, 0.1638, 0.3209

Sweetspot

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



43.5868, 0.3164, 0.2118



79.1865, 0.3139, 0.2943



29.1959, 0.2216, 0.1817



16.3400, 0.3141, 0.2888



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.



43.5868, 0.3164, 0.2118



38.5496, 0.3168, 0.1919



40.8988, 0.3733, 0.2624



17.5089, 0.3135, 0.3056



14.0427, 0.3167, 0.1519



1.3052, 0.3173, 0.1521

Inverse Universe

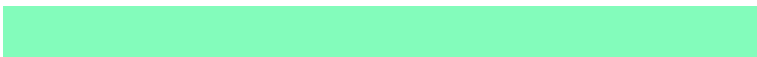
The Inverse Universe completely reimagines the original color for something new.



38.6284, 0.4449, 0.3273



32.9128, 0.4901, 0.3272



78.0650, 0.2788, 0.4091



17.2299, 0.3292, 0.3286



10.7874, 0.6383, 0.3290



1.0007, 0.6341, 0.3267

Previews

White Background



This preview shows how the Yxy color 43.5849, 0.3164, 0.2118 looks on a white background.

Color Contrast Check

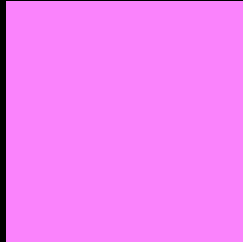
Large Text (above 18pt) WCAG AA × Fail

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 43.5849, 0.3164, 0.2118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

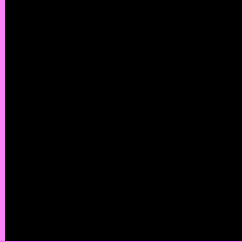
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5849, 0.3164, 0.2118

Background



This preview shows how black text looks on a background with the Yxy color 43.5849, 0.3164, 0.2118.



This preview shows how white text looks on a background with the Yxy color 43.5849, 0.3164, 0.2118.

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

43.5849, 0.3164, 0.2118

Protanopia

43.8817, 0.2397, 0.2308

Deuteranopia

43.7723, 0.2493, 0.2426



Tritanopia

43.4515, 0.3897, 0.3169

Trichromacy



Original Color

43.5849, 0.3164, 0.2118



Protanomaly

42.0486, 0.2628, 0.2194



Deuteranomaly

42.1163, 0.2704, 0.2266



Tritanomaly

42.9413, 0.3625, 0.2741

Monochromacy



Original Color

43.5849, 0.3164, 0.2118



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.2760, 0.3143, 0.2762

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5849, 0.3164, 0.2118 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, 131, 252)` looks like.

```
.text, #text, p{  
    color:rgb(250, 131, 252)  
}
```

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, 131, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 131, 252) }
```

Border

The CSS property to change the border of an element to Yxy 43.5849, 0.3164, 0.2118 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, 131, 252) }
```

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

```
.border{ border-color:rgb(250, 131, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 131, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 131, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 131, 252);  
box-shadow:4px 4px 4px 4px rgb(250, 131,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5849, 0.3164, 0.2118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 131, 252) }
```

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

```
.background{ background-color: rgb(250,  
131, 252) }
```

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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